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OM protein - protein search, using sw model

Run on: June 21, 2003, 01:45:54 ; Search time 24 Seconds
(without alignments)
1988.300 Million cell updates/sec

Title: US-09-895-686-1
Perfect score: 441
Sequence: 1 MAIRKALVMCLGLPLFLPG.....ATPPKDGKNSQVFRNPYVMD 441

Scoring table: OLIGO
Gapop 60.0 , Gapext 60.0

Searched: 417779 seqs, 108206813 residues

Word size : 0

Total number of hits satisfying chosen parameters: 417779

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database :

Published Applications_AA:*
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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2	441	100.0	441	10	US-09-895-686-1
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5	433	98.2	451	10	US-09-871-874-13
6	433	98.2	451	10	US-09-871-874-12
7	428	97.1	473	10	US-09-871-874-19
8	384	87.1	400	9	US-10-097-065-146
9	382	86.6	401	10	US-09-871-874-11
10	382	86.6	401	10	US-09-871-874-20
11	194	44.0	234	10	US-09-871-874-17
12	91	20.6	125	10	US-09-871-874-16
13	90	20.4	105	9	US-10-097-065-247
14	90	20.4	106	9	US-09-871-874-15
15	90	20.4	150	10	US-09-871-874-18
16	67	15.2	67	10	US-10-097-340-121
17	9	2.0	403	9	US-09-826-508-30
18	9	2.0	403	10	US-09-895-686-5
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20	9	2.0	427	10	US-09-826-508-32	Sequence 32, App1
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22	7	1.6	175	9	US-10-050-786-11	Sequence 11, App1
23	7	1.6	182	10	US-09-764-864-1205	Sequence 1205, Ap
24	7	1.6	191	10	US-09-944-849-7	Sequence 7, App1
25	7	1.6	217	9	US-09-848-616-136	Sequence 136, App
26	7	1.6	217	9	US-09-931-325A-168	Sequence 168, App
27	7	1.6	217	9	US-10-243-739-74	Sequence 74, App1
28	7	1.6	217	9	US-10-244-065-74	Sequence 74, App1
29	7	1.6	255	9	US-09-898-837A-36	Sequence 36, App1
30	7	1.6	256	9	US-09-738-626-6520	Sequence 6520, Ap
31	7	1.6	260	10	US-09-731-231A-5	Sequence 5, App1
32	7	1.6	296	10	US-09-960-472-1	Sequence 1, App1
33	7	1.6	313	10	US-09-664-761-35804	Sequence 35804, A
34	7	1.6	331	9	US-10-196-580-2	Sequence 2, App1
35	7	1.6	342	10	US-09-912-020-260	Sequence 260, App
36	7	1.6	347	9	US-09-866-050A-326	Sequence 326, App
37	7	1.6	357	9	US-10-176-847-60	Sequence 60, App1
38	7	1.6	359	12	US-10-029-756-2	Sequence 2, App1
39	7	1.6	373	9	US-09-866-050A-680	Sequence 680, App
40	7	1.6	394	9	US-09-712-363-205	Sequence 205, App
41	7	1.6	416	10	US-09-731-231A-6	Sequence 6, App1
42	7	1.6	438	10	US-09-815-242-5129	Sequence 5129, Ap
43	7	1.6	512	9	US-09-908-299-2	Sequence 2, App1
44	7	1.6	533	10	US-09-431-226-5	Sequence 5, App1
45	7	1.6	584	9	US-10-050-786-7	Sequence 7, App1

ALIGNMENTS

RESULT 1									
US-09-871-874-21									
Sequence 21, Application US/09871874									
Patent No. US20020081655A1									
GENERAL INFORMATION:									
APPLICANT: SAVITZKY, Kinneret									
APPLICANT: TOPORIK, Amir									
APPLICANT: MINITZ, Liat									
TITLE OF INVENTION: Splice Variant of mclur									
FILE REFERENCE: 2786-0176P									
CURRENT APPLICATION NUMBER: US/09/871,874									
CURRENT FILING DATE: 2001-09-04									
NUMBER OF SEQ ID NOS: 21									
SOFTWARE: Patentin Ver. 2.1									
SEQ ID NO 21									
LENGTH: 441									
TYPE: PRT									
ORGANISM: Homo sapiens									
US-09-871-874-21									
Query Match									
Best Local Similarity 100.0%; Score 441; DB 10; Length 441;									
Matches 441; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
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DB	1	MAIRKALVMCLGLPLFP	PGAMAGHYPPGCSGLNPLYYMLCDRSGAMGIVLRAVAGAG	60					
QY	61	IVTFVLTIIIVASIP	EVODTKRSLGTQVFFLLGLTGLFCLVFACVYKDFSTCASRR	120					
DB	61	IVTFVLTIIIVASIP	EVODTKRSLGTQVFFLLGLTGLFCLVFACVYKDFSTCASRR	120					
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DB	121	FLFGLVLAICSCLA	AAHFALNFARKNHGRGVITVALLTLVEYIITFEMLIITLV	180					
QY	181	RGSEGGPGQSSG	AMVASCALANDEVALIYVMLLIGAFILGAMPALCGRYKKRRK	240					
DB	181	RGSEGGPGQSSG	AMVASCALANDEVALIYVMLLIGAFILGAMPALCGRYKKRRK	240					
QY	241	HGVEFLTLTAT	SVAIWVWIVMTYGNKOHNSPTMDPTLAIALANNAFVLFFYVITPEV	300					
DB	241	HGVEFLTLTAT	SVAIWVWIVMTYGNKOHNSPTMDPTLAIALANNAFVLFFYVITPEV	300					

DB 241 HGVFLLTTATSAIWMVWIMVYTYGNKOHNSPTWDDPTLAIALANANAFLFYIPEV 300
QY 301 SOVTKSSPROSYOGDMYPTRGVYETILKEOKGQSMFVENKAFSMDPEVAARPVSPYSG 360
DB 301 SOVTKSSPROSYOGDMYPTRGVYETILKEOKGQSMFVENKAFSMDPEVAARPVSPYSG 360
QY 361 YNGQLLTSYOPTYEMALMKHVPSEGAAYDIIILPRATANSQVMSANSTLRAEDMYSQSHQ 420
DB 361 YNGQLLTSYOPTYEMALMKHVPSEGAAYDIIILPRATANSQVMSANSTLRAEDMYSQSHQ 420
QY 421 AATPPKDGKNSQVFRNPYWD 441
DB 421 AATPPKDGKNSQVFRNPYWD 441

RESULT 2

US-09-895-686-1
; Sequence 1, Application US/09895686
; Patent No. US20020106655A1
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Lal, Preeti
; APPLICANT: Tang, Y. Tom
; APPLICANT: Baughn, Mariah R.
; TITLE OF INVENTION: HUMAN GPCR PROTEINS
; FILE REFERENCE: PC-0044 CIP
; CURRENT APPLICATION NUMBER: US/09/895,686
; CURRENT FILING DATE: 2001-06-28
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PERL Program
; SEQ ID NO 1
; LENGTH: 441
; TYPE: PRF
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Incyte ID No. US20020106655A1 1258981CD1
US-09-895-686-1

Query Match 100.0%; Score 441; DB 10; Length 441;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 441; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MAIHKALVNCIGLPLFPFGAMAQGHVPPGCSQGLNPLYYNLCDRSGANGIYLEAVAGAG 60
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DB 61 IYTFEVLTIILVSLPFDVDTKRSLLGTVQVEFLGTGLFCLVFACVYKPPDSTCASRR 120
QY 121 FLEGVLFALCFSCSLAHAVFALNLFARKNHGPRGMYFEYVALLTLEVEIINTEMLITLY 180
DB 121 FLEGVLFALCFSCSLAHAVFALNLFARKNHGPRGMYFEYVALLTLEVEIINTEMLITLY 180
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DB 181 RGSSEGGPOGNSAGNAVASPCAIANDFVMAIYYMILLGAFILGAMPALCGRYKRWK 240
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DB 241 HGVFLLTTATSAIWMVWIMVYTYGNKOHNSPTWDDPTLAIALANANAFLFYIPEV 300
QY 301 SOVTKSSPROSYOGDMYPTRGVYETILKEOKGQSMFVENKAFSMDPEVAARPVSPYSG 360
DB 301 SOVTKSSPROSYOGDMYPTRGVYETILKEOKGQSMFVENKAFSMDPEVAARPVSPYSG 360
QY 361 YNGQLLTSYOPTYEMALMKHVPSEGAAYDIIILPRATANSQVMSANSTLRAEDMYSQSHQ 420
DB 361 YNGQLLTSYOPTYEMALMKHVPSEGAAYDIIILPRATANSQVMSANSTLRAEDMYSQSHQ 420
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DB 421 AATPPKDGKNSQVFRNPYWD 441

DB 421 AATPPKDGKNSQVFRNPYWD 441

RESULT 3

US-09-871-874-14
; Sequence 14, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinneret
; APPLICANT: TOBORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mclur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 486
; TYPE: PRF
; ORGANISM: Homo sapiens
US-09-871-874-14

Query Match 100.0%; Score 441; DB 10; Length 486;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 441; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 46 MAIHKALVNCIGLPLFPFGAMAQGHVPPGCSQGLNPLYYNLCDRSGANGIYLEAVAGAG 105
QY 61 IYTFEVLTIILVSLPFDVDTKRSLLGTVQVEFLGTGLFCLVFACVYKPPDSTCASRR 120
DB 106 IYTFEVLTIILVSLPFDVDTKRSLLGTVQVEFLGTGLFCLVFACVYKPPDSTCASRR 165
QY 121 FLEGVLFALCFSCSLAHAVFALNLFARKNHGPRGMYFEYVALLTLEVEIINTEMLITLY 180
DB 166 FLEGVLFALCFSCSLAHAVFALNLFARKNHGPRGMYFEYVALLTLEVEIINTEMLITLY 225
QY 181 RGSSEGGPOGNSAGNAVASPCAIANDFVMAIYYMILLGAFILGAMPALCGRYKRWK 240
DB 226 RGSSEGGPOGNSAGNAVASPCAIANDFVMAIYYMILLGAFILGAMPALCGRYKRWK 285
QY 241 HGVFLLTTATSAIWMVWIMVYTYGNKOHNSPTWDDPTLAIALANANAFLFYIPEV 300
DB 286 HGVFLLTTATSAIWMVWIMVYTYGNKOHNSPTWDDPTLAIALANANAFLFYIPEV 345
QY 301 SOVTKSSPROSYOGDMYPTRGVYETILKEOKGQSMFVENKAFSMDPEVAARPVSPYSG 360
DB 346 SOVTKSSPROSYOGDMYPTRGVYETILKEOKGQSMFVENKAFSMDPEVAARPVSPYSG 405
QY 361 YNGQLLTSYOPTYEMALMKHVPSEGAAYDIIILPRATANSQVMSANSTLRAEDMYSQSHQ 420
DB 406 YNGQLLTSYOPTYEMALMKHVPSEGAAYDIIILPRATANSQVMSANSTLRAEDMYSQSHQ 465
QY 421 AATPPKDGKNSQVFRNPYWD 441
DB 466 AATPPKDGKNSQVFRNPYWD 486

RESULT 4

US-09-871-874-9
; Sequence 9, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinneret
; APPLICANT: TOBORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mclur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21

SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 451
; TYPE: PRF
; ORGANISM: Homo sapiens
US-09-871-874-9

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Best Local Similarity 100.0%; Pred. No. 0;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 301 SOVTKSSPEOSYQGDMPTRGVGYETILKEQKGSMEVFNKAFSMDPVAAKRPVSPYSG 360
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DB 361 YNGQLTSVYOPTMALMHRKVPSEGAVIDIILPRATANSQVGSANSTLRADMTSAOSHQ 420
QY 421 AATPPKDGKNSOV 433
DB 421 AATPPKDGKNSOV 433

RESULT 5

US-09-871-874-13
; Sequence 13, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kineret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 13
; LENGTH: 451
; TYPE: PRF
; ORGANISM: Homo sapiens
US-09-871-874-13

Query Match 98.2%; Score 433; DB 10; Length 451;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAHKALVMCLGPLEFPGAMAGHVPFGCSQGLNPLYYNLCDRSGAMGIVLEAVAGAG 60
DB 1 MAHKALVMCLGPLEFPGAMAGHVPFGCSQGLNPLYYNLCDRSGAMGIVLEAVAGAG 60
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DB 61 IVTTFVLTITLIVASLPFVODTKRSLGTQVFFLGLGFCIVFACVVPDFSTCASRR 120
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DB 181 RGSSEGGPQGNSSAGMAVASPCAIANDFYVALIYVMLLIGAFLGAMPALCGRYKRMK 240
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DB 241 HGCVFVLTITATSAIVWVIMVMTYTGKOHNSPTWDDPTLAIANAANAFAVLEFYIPEV 300
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DB 301 SOVTKSSPEOSYQGDMPTRGVGYETILKEQKGSMEVFNKAFSMDPVAAKRPVSPYSG 360
QY 361 YNGQLTSVYOPTMALMHRKVPSEGAVIDIILPRATANSQVGSANSTLRADMTSAOSHQ 420
DB 361 YNGQLTSVYOPTMALMHRKVPSEGAVIDIILPRATANSQVGSANSTLRADMTSAOSHQ 420
QY 421 AATPPKDGKNSOV 433
DB 421 AATPPKDGKNSOV 433

RESULT 6

US-09-871-874-12
; Sequence 12, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kineret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 496
; TYPE: PRF
; ORGANISM: Homo sapiens
US-09-871-874-12

Query Match 98.2%; Score 433; DB 10; Length 496;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 46 MAHKALVMCLGPLEFPGAMAGHVPFGCSQGLNPLYYNLCDRSGAMGIVLEAVAGAG 105
QY 61 IVTTFVLTITLIVASLPFVODTKRSLGTQVFFLGLGFCIVFACVVPDFSTCASRR 120
DB 106 IVTTFVLTITLIVASLPFVODTKRSLGTQVFFLGLGFCIVFACVVPDFSTCASRR 165
QY 121 FLFGVLFALICFSCIAAHVFLNPLARKNHGRGVITFVALLLTVEVITNTEMLITLV 180
DB 166 FLFGVLFALICFSCIAAHVFLNPLARKNHGRGVITFVALLLTVEVITNTEMLITLV 225
QY 181 RGSSEGGPQGNSSAGMAVASPCAIANDFYVALIYVMLLIGAFLGAMPALCGRYKRMK 240
DB 226 RGSSEGGPQGNSSAGMAVASPCAIANDFYVALIYVMLLIGAFLGAMPALCGRYKRMK 285
QY 241 HGCVFVLTITATSAIVWVIMVMTYTGKOHNSPTWDDPTLAIANAANAFAVLEFYIPEV 300
DB 286 HGCVFVLTITATSAIVWVIMVMTYTGKOHNSPTWDDPTLAIANAANAFAVLEFYIPEV 345
QY 301 SOVTKSSPEOSYQGDMPTRGVGYETILKEQKGSMEVFNKAFSMDPVAAKRPVSPYSG 360

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Db 346 SQTAKSSPEOSYOGDMYPTRGVGYETILKEOKQOSMFVENKAFSMDPEVAARPPVPSYG 405
Qy 361 YNGQLTSTYOPTEMALMHKVPSEGAVIDILPRATANSOVMGSANSTLRADMYSAOSHQ 420
Db 406 YNGQLTSTYOPTEMALMHKVPSEGAVIDILPRATANSOVMGSANSTLRADMYSAOSHQ 465
Qy 421 AATPPKDGKNSQV 433
Db 466 AATPPKDGKNSQV 478
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RESULT 7
US-09-871-874-19
; Sequence 19, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinmeret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Ilat
; TITLE OF INVENTION: Splice Variant of mgiur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871, 874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
; LENGTH: 473
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-871-874-19
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Query Match 97.1%; Score 428; DB 10; Length 473;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 428; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 1 MAIHKALVMCLGPLEFLPGAMAQGHVPPGCSGGLNPLYNNLCDRSGAMGIVLEAAGAG 60
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Db 61 IYTFVLLITLIVASLSPFVODTKRSLGTQVFFLGLTGLFCLVFCVYKPPDSTCASRR 120
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Db 121 FLEGVLFALCFSCSLAHVFLANFLARKNHGPRGMVIFTVALLLTIVEIINTEMLITTLV 180
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Db 181 RSGEGEGPOGNSAGNAVASPCAIANDFYMALIIYMLLLGAFILGAMPALCGRYKRWK 240
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Db 241 HGFVLLTTATSAIVWVIMVMTYGNKQNSPTMDPTLAIALANANAFVLFYIPEV 300
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Qy 361 YNGQLTSTYOPTEMALMHKVPSEGAVIDILPRATANSOVMGSANSTLRADMYSAOSHQ 420
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Qy 421 AATPPKDG 428
Db 421 AATPPKDG 428
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RESULT 8
US-10-097-065-146
; Sequence 146, Application US/10097065
; Publication No. US20030055236A1
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; GENERAL INFORMATION:
; APPLICANT: Moore, Paul A. et al.
; TITLE OF INVENTION: 110 Human Secreted Proteins
; FILE REFERENCE: P2021P1
; CURRENT APPLICATION NUMBER: US/10/097, 065
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: PCT/US98/27059
; PRIOR FILING DATE: 1998-12-17
; PRIOR APPLICATION NUMBER: 60/070, 923
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068, 007
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068, 057
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068, 006
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068, 369
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068, 367
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068, 368
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068, 169
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068, 053
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068, 064
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068, 054
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068, 008
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068, 365
; PRIOR FILING DATE: 1997-12-19
; NUMBER OF SEQ ID NOS: 672
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 146
; LENGTH: 400
; TYPE: PRT
; ORGANISM: Homo sapiens
; NAME/KEY: SITE
; LOCATION: (400)
; OTHER INFORMATION: Xaa equals stop translation
US-10-097-065-146
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Query Match 87.1%; Score 384; DB 9; Length 400;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 384; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 MAIHKALVMCLGPLEFLPGAMAQGHVPPGCSGGLNPLYNNLCDRSGAMGIVLEAAGAG 60
Db 1 MAIHKALVMCLGPLEFLPGAMAQGHVPPGCSGGLNPLYNNLCDRSGAMGIVLEAAGAG 60
Qy 61 IYTFVLLITLIVASLSPFVODTKRSLGTQVFFLGLTGLFCLVFCVYKPPDSTCASRR 120
Db 61 IYTFVLLITLIVASLSPFVODTKRSLGTQVFFLGLTGLFCLVFCVYKPPDSTCASRR 120
Qy 121 FLEGVLFALCFSCSLAHVFLANFLARKNHGPRGMVIFTVALLLTIVEIINTEMLITTLV 180
Db 121 FLEGVLFALCFSCSLAHVFLANFLARKNHGPRGMVIFTVALLLTIVEIINTEMLITTLV 180
Qy 181 RSGEGEGPOGNSAGNAVASPCAIANDFYMALIIYMLLLGAFILGAMPALCGRYKRWK 240
Db 181 RSGEGEGPOGNSAGNAVASPCAIANDFYMALIIYMLLLGAFILGAMPALCGRYKRWK 240
Qy 241 HGFVLLTTATSAIVWVIMVMTYGNKQNSPTMDPTLAIALANANAFVLFYIPEV 300
Db 241 HGFVLLTTATSAIVWVIMVMTYGNKQNSPTMDPTLAIALANANAFVLFYIPEV 300
Qy 301 SQTAKSSPEOSYOGDMYPTRGVGYETILKEOKQOSMFVENKAFSMDPEVAARPPVPSYG 360
Db 301 SQTAKSSPEOSYOGDMYPTRGVGYETILKEOKQOSMFVENKAFSMDPEVAARPPVPSYG 360
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OY 361 YNGQLTSYOPTMALMHKVPSE 384
Db 361 YNGQLTSYOPTMALMHKVPSE 384

RESULT 9
US-09-871-874-11

; Sequence 11, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinmeret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 11
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-871-874-11

Query Match 86.6%; Score 382; DB 10; Length 401;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 382; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 MAHKALVMCLGLPLFLFPGAMAOGHVPFGCSOGLNPLYNYLCDRSGAMGIVLEAVAGAG 60
Db 1 MAHKALVMCLGLPLFLFPGAMAOGHVPFGCSOGLNPLYNYLCDRSGAMGIVLEAVAGAG 60
OY 61 IVTFVLTITIVASLPVQDTKKRSLGTQVFLLGLGFLCVFACVVKRDEFTCSARR 120
Db 61 IVTFVLTITIVASLPVQDTKKRSLGTQVFLLGLGFLCVFACVVKRDEFTCSARR 120
OY 121 FLFGVLFAICFSCAAHVAFALNPLARKNHGRGVITFVALLTLVEYIINTEWLITLV 180
Db 121 FLFGVLFAICFSCAAHVAFALNPLARKNHGRGVITFVALLTLVEYIINTEWLITLV 180
OY 181 RGSSEGGPOGNSAGMAVASPCALANDEFVALIYVMLLLGAFGLGAMPALCGRYKKRMRK 240
Db 181 RGSSEGGPOGNSAGMAVASPCALANDEFVALIYVMLLLGAFGLGAMPALCGRYKKRMRK 240
OY 241 HGVEVLLTATSAIWMVWIMVMTYGNKQHNSTPTWDDPTLAIALAANMAFVLFYIPEV 300
Db 241 HGVEVLLTATSAIWMVWIMVMTYGNKQHNSTPTWDDPTLAIALAANMAFVLFYIPEV 300
OY 301 SOWTKSSPEOSYOGDMYPTRGVGETILKEQKGSMEVENKAFSMDPEVAAKRPVSPYSG 360
Db 301 SOWTKSSPEOSYOGDMYPTRGVGETILKEQKGSMEVENKAFSMDPEVAAKRPVSPYSG 360
OY 361 YNGQLTSYOPTMALMHKVP 382
Db 361 YNGQLTSYOPTMALMHKVP 382

RESULT 10
US-09-871-874-10
; Sequence 10, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinmeret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patentin Ver. 2.1

; SEQ ID NO 10
; LENGTH: 446
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-871-874-10

Query Match 86.6%; Score 382; DB 10; Length 446;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 382; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 MAHKALVMCLGLPLFLFPGAMAOGHVPFGCSOGLNPLYNYLCDRSGAMGIVLEAVAGAG 60
Db 46 MAHKALVMCLGLPLFLFPGAMAOGHVPFGCSOGLNPLYNYLCDRSGAMGIVLEAVAGAG 105
OY 61 IVTFVLTITIVASLPVQDTKKRSLGTQVFLLGLGFLCVFACVVKRDEFTCSARR 120
Db 106 IVTFVLTITIVASLPVQDTKKRSLGTQVFLLGLGFLCVFACVVKRDEFTCSARR 165
OY 121 FLFGVLFAICFSCAAHVAFALNPLARKNHGRGVITFVALLTLVEYIINTEWLITLV 180
Db 166 FLFGVLFAICFSCAAHVAFALNPLARKNHGRGVITFVALLTLVEYIINTEWLITLV 225
OY 181 RGSSEGGPOGNSAGMAVASPCALANDEFVALIYVMLLLGAFGLGAMPALCGRYKKRMRK 240
Db 226 RGSSEGGPOGNSAGMAVASPCALANDEFVALIYVMLLLGAFGLGAMPALCGRYKKRMRK 285
OY 241 HGVEVLLTATSAIWMVWIMVMTYGNKQHNSTPTWDDPTLAIALAANMAFVLFYIPEV 300
Db 286 HGVEVLLTATSAIWMVWIMVMTYGNKQHNSTPTWDDPTLAIALAANMAFVLFYIPEV 345
OY 301 SOWTKSSPEOSYOGDMYPTRGVGETILKEQKGSMEVENKAFSMDPEVAAKRPVSPYSG 360
Db 346 SOWTKSSPEOSYOGDMYPTRGVGETILKEQKGSMEVENKAFSMDPEVAAKRPVSPYSG 405
OY 361 YNGQLTSYOPTMALMHKVP 382
Db 406 YNGQLTSYOPTMALMHKVP 427

RESULT 11
US-09-871-874-20
; Sequence 20, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinmeret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 20
; LENGTH: 234
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-871-874-20

Query Match 44.0%; Score 194; DB 10; Length 234;
Best Local Similarity 100.0%; Pred. No. 6,3e-172;
Matches 194; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 MAHKALVMCLGLPLFLFPGAMAOGHVPFGCSOGLNPLYNYLCDRSGAMGIVLEAVAGAG 60
Db 1 MAHKALVMCLGLPLFLFPGAMAOGHVPFGCSOGLNPLYNYLCDRSGAMGIVLEAVAGAG 60
OY 61 IVTFVLTITIVASLPVQDTKKRSLGTQVFLLGLGFLCVFACVVKRDEFTCSARR 120
Db 61 IVTFVLTITIVASLPVQDTKKRSLGTQVFLLGLGFLCVFACVVKRDEFTCSARR 120
OY 121 FLFGVLFAICFSCAAHVAFALNPLARKNHGRGVITFVALLTLVEYIINTEWLITLV 180
Db 121 FLFGVLFAICFSCAAHVAFALNPLARKNHGRGVITFVALLTLVEYIINTEWLITLV 180

Db 121 LFGVLAFCSCLAHVAFLNLFARKNMGPGWVLTVALLLTVEVILNTEMLITTV 180
QY 181 RCGSEGGPGGNSSA 194
Db 181 RCGSEGGPGGNSSA 194

RESULT 12
US-09-871-874-17
; Sequence 17, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinneret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 125
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-871-874-17

Query Match 20.6%; Score 91; DB 10; length 125;
Best Local Similarity 100.0%; Pred. No. 1.3e-76;
Matches 91; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 351 AKRPVSPYSGYNQQLTSTYQPTMALMKHVPSEGAVIDIILPRATANSQVMSANSTLRA 410
Db 35 AKRPVSPYSGYNQQLTSTYQPTMALMKHVPSEGAVIDIILPRATANSQVMSANSTLRA 94
QY 411 EDYTSQSHQAATPPPDGKRSQYFRNPYYWD 441
Db 95 EDYTSQSHQAATPPPDGKRSQYFRNPYYWD 125

RESULT 13
US-09-871-874-16
; Sequence 16, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinneret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 105
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-871-874-16

Query Match 20.4%; Score 90; DB 10; length 105;
Best Local Similarity 100.0%; Pred. No. 9.8e-76;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAHKALVNCGLPFLFPGANAQGHVPPGCSOGLNPLYYNLCDRSGANGIYLEAVAGAG 60
Db 1 MAHKALVNCGLPFLFPGANAQGHVPPGCSOGLNPLYYNLCDRSGANGIYLEAVAGAG 60
QY 61 IVTTFVLTIIIVASLPFVODTKRSLGLGTQ 90
Db 61 IVTTFVLTIIIVASLPFVODTKRSLGLGTQ 90

RESULT 14
US-10-097-065-247
; Sequence 247, Application US/10097065
; Publication No. US20030055236A1
; GENERAL INFORMATION:
; APPLICANT: Moore, Paul A. et al.
; TITLE OF INVENTION: 110 Human Secreted Proteins
; FILE REFERENCE: P2021P1
; CURRENT APPLICATION NUMBER: US/10/097,065
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: PCT/US98/27059
; PRIOR FILING DATE: 1998-12-17
; PRIOR APPLICATION NUMBER: 60/070,923
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,007
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,057
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,006
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,369
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,367
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,368
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,169
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,053
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,064
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,054
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,008
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,365
; PRIOR FILING DATE: 1997-12-19
; NUMBER OF SEQ ID NOS: 672
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 247
; LENGTH: 106
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (106)
; OTHER INFORMATION: Xaa equals stop translation
US-10-097-065-247

Query Match 20.4%; Score 90; DB 9; length 106;
Best Local Similarity 100.0%; Pred. No. 9.9e-76;
Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAHKALVNCGLPFLFPGANAQGHVPPGCSOGLNPLYYNLCDRSGANGIYLEAVAGAG 60
Db 1 MAHKALVNCGLPFLFPGANAQGHVPPGCSOGLNPLYYNLCDRSGANGIYLEAVAGAG 60
QY 61 IVTTFVLTIIIVASLPFVODTKRSLGLGTQ 90
Db 61 IVTTFVLTIIIVASLPFVODTKRSLGLGTQ 90

RESULT 15
US-09-871-874-15
; Sequence 15, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinneret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P

; CURRENT APPLICATION NUMBER: US/09/871,874
 ; CURRENT FILING DATE: 2001-09-04
 ; NUMBER OF SEQ ID NOS: 21
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 15
 ; LENGTH: 150
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 US-09-871-874-15

Query Match 20.4%; Score 90; DB 10; Length 150;
 Best Local Similarity 100.0%; Pred. No. 1.3e+75;
 Matches 90; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY	1	MAHKALVMCLGDLFLFPGAMAGHYPPGCSGGLNPLYNMLCDRSGAMGIVLEAVAGAG	60
Db	46	MAHKALVMCLGDLFLFPGAMAGHYPPGCSGGLNPLYNMLCDRSGAMGIVLEAVAGAG	105
OY	61	IVTFEVLTIIVASLSPFVODTKKRSLLGTQ	90
Db	106	IVTFEVLTIIVASLSPFVODTKKRSLLGTQ	135

Search completed: June 21, 2003, 01:51:52
 Job time : 25 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 21, 2003, 01:39:15 ; Search time 20 Seconds
(without alignments)
648.775 Million cell updates/sec

Title: US-09-895-686-1

Perfect score: 441

Sequence: 1 MATHKALVMGLGLFLFPg.....ATPPKDGKNSQVFRNPYVMD 441

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Searched: 262574 seqs, 29422922 residues

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Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

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- 2: /cgn2_6/ptodata/1/1aa/5B.COMB.pep:*
- 3: /cgn2_6/ptodata/1/1aa/6A.COMB.pep:*
- 4: /cgn2_6/ptodata/1/1aa/6B.COMB.pep:*
- 5: /cgn2_6/ptodata/1/1aa/PCtUS.COMB.pep:*
- 6: /cgn2_6/ptodata/1/1aa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	7	1.6	28	4	US-09-348-578-11 Sequence 11, Appl
2	7	1.6	28	4	US-09-699-684-11 Sequence 11, Appl
3	7	1.6	29	4	US-09-348-578-12 Sequence 12, Appl
4	7	1.6	29	4	US-09-699-684-12 Sequence 12, Appl
5	7	1.6	30	4	US-09-348-578-13 Sequence 13, Appl
6	7	1.6	30	4	US-09-699-684-13 Sequence 13, Appl
7	7	1.6	31	4	US-09-348-578-14 Sequence 14, Appl
8	7	1.6	31	4	US-09-699-684-14 Sequence 14, Appl
9	7	1.6	32	4	US-09-348-578-15 Sequence 15, Appl
10	7	1.6	32	4	US-09-699-684-15 Sequence 15, Appl
11	7	1.6	33	4	US-09-348-578-16 Sequence 16, Appl
12	7	1.6	33	4	US-09-699-684-16 Sequence 16, Appl
13	7	1.6	34	4	US-09-348-578-17 Sequence 17, Appl
14	7	1.6	34	4	US-09-699-684-17 Sequence 17, Appl
15	7	1.6	35	4	US-09-348-578-18 Sequence 18, Appl
16	7	1.6	35	4	US-09-699-684-18 Sequence 18, Appl
17	7	1.6	217	4	US-09-248-588-9 Sequence 9, Appl
18	7	1.6	284	4	US-08-793-701-39 Sequence 39, Appl
19	7	1.6	284	4	US-08-793-701-41 Sequence 41, Appl
20	7	1.6	284	4	US-08-793-701-57 Sequence 57, Appl
21	7	1.6	347	4	US-09-188-930-326 Sequence 326, App
22	7	1.6	359	1	US-08-307-382-2 Sequence 2, Appl
23	7	1.6	359	1	US-08-366-779-2 Sequence 2, Appl
24	7	1.6	359	1	US-08-478-127-2 Sequence 2, Appl
25	7	1.6	359	1	US-08-473-508-2 Sequence 2, Appl
26	7	1.6	359	1	US-08-789-936-2 Sequence 2, Appl
27	7	1.6	359	2	US-08-833-610-6 Sequence 6, Appl

28	7	1.6	359	3	US-08-834-033A-16 Sequence 16, Appl
29	7	1.6	359	4	US-08-934-254-2 Sequence 2, Appl
30	7	1.6	373	4	US-08-724-864-43 Sequence 43, Appl
31	7	1.6	387	1	US-08-123-161A-12 Sequence 12, Appl
32	7	1.6	387	1	US-08-483-278-12 Sequence 7, Appl
33	7	1.6	430	1	US-08-427-993B-7 Sequence 7, Appl
34	7	1.6	430	2	US-08-478-609A-7 Sequence 8, Appl
35	7	1.6	438	2	US-08-846-762-8 Sequence 8, Appl
36	7	1.6	509	1	US-08-427-993B-1 Sequence 1, Appl
37	7	1.6	509	2	US-08-478-609A-1 Sequence 1, Appl
38	7	1.6	619	3	US-08-813-150-6 Sequence 6, Appl
39	6	1.4	8	4	US-09-305-923A-4 Sequence 4, Appl
40	6	1.4	10	4	US-08-936-632B-46 Sequence 46, Appl
41	6	1.4	10	4	US-08-582-333A-1 Sequence 1, Appl
42	6	1.4	10	4	US-09-305-923A-3 Sequence 3, Appl
43	6	1.4	14	1	US-07-732-114A-8 Sequence 8, Appl
44	6	1.4	14	1	US-07-908-317-31 Sequence 31, Appl
45	6	1.4	14	1	US-08-178-477B-9 Sequence 9, Appl

ALIGNMENTS

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RESULT 1
US-09-348-578-11
Sequence 11, Application US/09348578
Patent No. 6160089
GENERAL INFORMATION:
APPLICANT: HONTO, Masaru
APPLICANT: NAITOH, Naokazu
APPLICANT: UCHIDA, Hiroshi
APPLICANT: MOCHIZUKI, Daisuke
APPLICANT: MATSUMOTO, Kazuya
TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
FILE REFERENCE: 029430-421
CURRENT FILING DATE: 1999-07-07
EARLIER APPLICATION NUMBER: US/09/348, 578
EARLIER FILING DATE: 1996-07-08
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 11
LENGTH: 28
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: SIGNAL
LOCATION: (1)..(28)
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Modified Oppa secretion
US-09-348-578-11
Query Match 1.6%; Score 7; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 9.2;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 81 TKRSL 87
Db 5 TKRSL 11
RESULT 2
US-09-699-684-11
Sequence 11, Application US/09699684
Patent No. 6436674
GENERAL INFORMATION:
APPLICANT: HONTO, Masaru
APPLICANT: NAITOH, Naokazu
APPLICANT: UCHIDA, Hiroshi
APPLICANT: MOCHIZUKI, Daisuke
APPLICANT: MATSUMOTO, Kazuya
TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
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FILE REFERENCE: 029430-421
CURRENT APPLICATION NUMBER: US/09/699,684
CURRENT FILING DATE: 2000-10-31
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/348,578
PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 11
LENGTH: 28
TYPE: PRF
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: SIGNAL
LOCATION: (1)..(28)
OTHER INFORMATION: Description of Artificial Sequence:Modified oppa secretion
OTHER INFORMATION: signal
US-09-699-684-11

Query Match 1.6%; Score 7; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 9.2;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 81 TKRSL 87
Db 5 TKRSL 11

RESULT 3
US-09-348-578-12
Sequence 12, Application US/09348578
Patent No. 6160089
GENERAL INFORMATION:
APPLICANT: HONJO, Masaru
APPLICANT: NAITOH, Naokazu
APPLICANT: UCHIDA, Hiroshi
APPLICANT: KOCHIZUKI, Daisuke
APPLICANT: MATSUMOTO, Kazuya
TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
FILE REFERENCE: 029430-421
CURRENT APPLICATION NUMBER: US/09/348,578
CURRENT FILING DATE: 1999-07-07
EARLIER APPLICATION NUMBER: JP 193003/1998
EARLIER FILING DATE: 1998-07-08
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 12
LENGTH: 29
TYPE: PRF
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: SIGNAL
LOCATION: (1)..(29)
OTHER INFORMATION: Description of Artificial Sequence:Modified oppa secretion
OTHER INFORMATION: signal
US-09-348-578-12

Query Match 1.6%; Score 7; DB 4; Length 29;
Best Local Similarity 100.0%; Pred. No. 9.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 81 TKRSL 87
Db 5 TKRSL 11

RESULT 4
US-09-699-684-12
Sequence 12, Application US/09699684
Patent No. 6436674
GENERAL INFORMATION:
APPLICANT: HONJO, Masaru
APPLICANT: NAITOH, Naokazu

APPLICANT: UCHIDA, Hiroshi
APPLICANT: KOCHIZUKI, Daisuke
APPLICANT: MATSUMOTO, Kazuya
TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
FILE REFERENCE: 029430-421
CURRENT APPLICATION NUMBER: US/09/699,684
CURRENT FILING DATE: 2000-10-31
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/348,578
PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 12
LENGTH: 29
TYPE: PRF
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: SIGNAL
LOCATION: (1)..(29)
OTHER INFORMATION: Description of Artificial Sequence:Modified oppa secretion
OTHER INFORMATION: signal
US-09-699-684-12

Query Match 1.6%; Score 7; DB 4; Length 29;
Best Local Similarity 100.0%; Pred. No. 9.5;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 81 TKRSL 87
Db 5 TKRSL 11

RESULT 5
US-09-348-578-13
Sequence 13, Application US/09348578
Patent No. 6160089
GENERAL INFORMATION:
APPLICANT: HONJO, Masaru
APPLICANT: NAITOH, Naokazu
APPLICANT: UCHIDA, Hiroshi
APPLICANT: KOCHIZUKI, Daisuke
APPLICANT: MATSUMOTO, Kazuya
TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
FILE REFERENCE: 029430-421
CURRENT APPLICATION NUMBER: US/09/348,578
CURRENT FILING DATE: 1999-07-07
EARLIER APPLICATION NUMBER: JP 193003/1998
EARLIER FILING DATE: 1998-07-08
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 13
LENGTH: 30
TYPE: PRF
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: SIGNAL
LOCATION: (1)..(30)
OTHER INFORMATION: Description of Artificial Sequence:Modified oppa secretion
OTHER INFORMATION: signal
US-09-348-578-13

Query Match 1.6%; Score 7; DB 4; Length 30;
Best Local Similarity 100.0%; Pred. No. 9.8;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 81 TKRSL 87
Db 5 TKRSL 11

RESULT 6
US-09-699-684-13
Sequence 13, Application US/09699684

```
Patent No. 6436674
GENERAL INFORMATION:
APPLICANT: HONJO, Masaru
APPLICANT: NAITOH, Naokazu
APPLICANT: UCHIDA, Hiroshi
APPLICANT: MOCHIZUKI, Daisuke
TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
FILE REFERENCE: 029430-421
CURRENT APPLICATION NUMBER: US/09/699,684
CURRENT FILING DATE: 2000-10-31
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/348,578
PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 13
LENGTH: 30
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: SIGNAL
LOCATION: (1)..(30)
OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
US-09-699-684-13
```

```
Query Match 1.6%; Score 7; DB 4; Length 30;
Best Local Similarity 100.0%; Pred. No. 9.8;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
OY 81 TKRSLL 87
Db 5 TKRSLL 11
```

```
RESULT 7
US-09-348-578-14
Sequence 14, Application US/09348578
Patent No. 6160089
GENERAL INFORMATION:
APPLICANT: HONJO, Masaru
APPLICANT: NAITOH, Naokazu
APPLICANT: UCHIDA, Hiroshi
APPLICANT: MOCHIZUKI, Daisuke
APPLICANT: MATSUMOTO, Kazuya
TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
FILE REFERENCE: 029430-421
CURRENT APPLICATION NUMBER: US/09/348,578
CURRENT FILING DATE: 1999-07-07
EARLIER APPLICATION NUMBER: JP 193003/1998
EARLIER FILING DATE: 1998-07-08
NUMBER OF SEQ ID NOS: 41
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 14
LENGTH: 31
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: SIGNAL
LOCATION: (1)..(31)
OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
US-09-348-578-14
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Query Match 1.6%; Score 7; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 10;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY 81 TKRSLL 87
Db 5 TKRSLL 11
```

```
RESULT 8
US-09-699-684-14
Sequence 14, Application US/09699684
Patent No. 6436674
GENERAL INFORMATION:
APPLICANT: HONJO, Masaru
APPLICANT: NAITOH, Naokazu
APPLICANT: UCHIDA, Hiroshi
APPLICANT: MOCHIZUKI, Daisuke
TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
FILE REFERENCE: 029430-421
CURRENT APPLICATION NUMBER: US/09/699,684
CURRENT FILING DATE: 2000-10-31
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/348,578
PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 14
LENGTH: 31
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: SIGNAL
LOCATION: (1)..(31)
OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
US-09-699-684-14
```

```
Query Match 1.6%; Score 7; DB 4; Length 31;
Best Local Similarity 100.0%; Pred. No. 10;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
OY 81 TKRSLL 87
Db 5 TKRSLL 11
```

```
RESULT 9
US-09-348-578-15
Sequence 15, Application US/09348578
Patent No. 6160089
GENERAL INFORMATION:
APPLICANT: HONJO, Masaru
APPLICANT: NAITOH, Naokazu
APPLICANT: UCHIDA, Hiroshi
APPLICANT: MOCHIZUKI, Daisuke
APPLICANT: MATSUMOTO, Kazuya
TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
FILE REFERENCE: 029430-421
CURRENT APPLICATION NUMBER: US/09/348,578
CURRENT FILING DATE: 1999-07-07
EARLIER APPLICATION NUMBER: JP 193003/1998
EARLIER FILING DATE: 1998-07-08
NUMBER OF SEQ ID NOS: 41
SOFTWARE: Patentln Ver. 2.0
SEQ ID NO 15
LENGTH: 32
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: SIGNAL
LOCATION: (1)..(32)
OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
US-09-348-578-15
```

```
Query Match 1.6%; Score 7; DB 4; Length 32;
Best Local Similarity 100.0%; Pred. No. 10;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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OY 81 TKRSL 87
|||||
Db 5 TKRSL 11

RESULT 10
US-09-699-684-15

; Sequence 15, Application US/09699684
; Patent No. 6436674

; GENERAL INFORMATION:

; APPLICANT: HONJO, Masaru

; APPLICANT: NAITO, Naokazu

; APPLICANT: UCHIDA, Hiroshi

; APPLICANT: MOCHIZUKI, Daisuke

; APPLICANT: MATSUMOTO, Kazuya

; TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE

; FILE REFERENCE: 029430-421

; CURRENT APPLICATION NUMBER: US/09/699,684

; PRIOR FILING DATE: 2000-10-31

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/348,578

; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-07

; NUMBER OF SEQ ID NOS: 41

; SOFTWARE: Patentin Ver. 2.0

; SEQ ID NO 15

; LENGTH: 32

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: SIGNAL

; LOCATION: (1)..(32)

; OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion

; OTHER INFORMATION: signal

Query Match 1.6%; Score 7; DB 4; Length 32;
Best Local Similarity 100.0%; Pred. No. 10;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 81 TKRSL 87
|||||
Db 5 TKRSL 11

RESULT 11
US-09-348-578-16

; Sequence 16, Application US/09348578

; Patent No. 6160089

; GENERAL INFORMATION:

; APPLICANT: HONJO, Masaru

; APPLICANT: NAITO, Naokazu

; APPLICANT: UCHIDA, Hiroshi

; APPLICANT: MOCHIZUKI, Daisuke

; APPLICANT: MATSUMOTO, Kazuya

; TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE

; FILE REFERENCE: 029430-421

; CURRENT APPLICATION NUMBER: US/09/348,578

; PRIOR FILING DATE: 1999-07-07

; PRIOR APPLICATION NUMBER: JP 193003/1998

; PRIOR FILING DATE: 1998-07-08

; NUMBER OF SEQ ID NOS: 41

; SOFTWARE: Patentin Ver. 2.0

; SEQ ID NO 16

; LENGTH: 33

; TYPE: PRT

; ORGANISM: Artificial Sequence

; NAME/KEY: SIGNAL

; LOCATION: (1)..(33)

; OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion

; OTHER INFORMATION: signal

US-09-348-578-16

Query Match 1.6%; Score 7; DB 4; Length 33;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 81 TKRSL 87
|||||
Db 5 TKRSL 11

RESULT 12
US-09-699-684-16

; Sequence 16, Application US/09699684
; Patent No. 6436674

; GENERAL INFORMATION:

; APPLICANT: HONJO, Masaru

; APPLICANT: NAITO, Naokazu

; APPLICANT: UCHIDA, Hiroshi

; APPLICANT: MOCHIZUKI, Daisuke

; APPLICANT: MATSUMOTO, Kazuya

; TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE

; FILE REFERENCE: 029430-421

; CURRENT APPLICATION NUMBER: US/09/699,684

; PRIOR FILING DATE: 2000-10-31

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/348,578

; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-07

; NUMBER OF SEQ ID NOS: 41

; SOFTWARE: Patentin Ver. 2.0

; SEQ ID NO 16

; LENGTH: 33

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: SIGNAL

; LOCATION: (1)..(33)

; OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion

; OTHER INFORMATION: signal

Query Match 1.6%; Score 7; DB 4; Length 33;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 81 TKRSL 87
|||||
Db 5 TKRSL 11

RESULT 13
US-09-348-578-17

; Sequence 17, Application US/09348578

; Patent No. 6160089

; GENERAL INFORMATION:

; APPLICANT: HONJO, Masaru

; APPLICANT: NAITO, Naokazu

; APPLICANT: UCHIDA, Hiroshi

; APPLICANT: MOCHIZUKI, Daisuke

; APPLICANT: MATSUMOTO, Kazuya

; TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE

; FILE REFERENCE: 029430-421

; CURRENT APPLICATION NUMBER: US/09/348,578

; PRIOR FILING DATE: 1999-07-07

; PRIOR APPLICATION NUMBER: JP 193003/1998

; PRIOR FILING DATE: 1998-07-08

; NUMBER OF SEQ ID NOS: 41

; SOFTWARE: Patentin Ver. 2.0

; SEQ ID NO 17

; LENGTH: 34

; TYPE: PRT

; ORGANISM: Artificial Sequence

; NAME/KEY: SIGNAL

; LOCATION: (1)..(34)

; FEATURE:

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; OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
; OTHER INFORMATION: signal
US-09-348-578-17

Query Match          1.6%; Score 7; DB 4; Length 34;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      81 TKRSL 87
DB      5 TKRSL 11

RESULT 14
US-09-699-684-17
; Sequence 17, Application US/09699684
; Patent No. 6436674
; GENERAL INFORMATION:
; APPLICANT: HONJO, Masaru
; APPLICANT: NAITOH, Naokazu
; APPLICANT: UCHIDA, Hiroshi
; APPLICANT: MOCHIZUKI, Daisuke
; APPLICANT: MATSUMOTO, Kazuya
; TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
; FILE REFERENCE: 029430-421
; CURRENT APPLICATION NUMBER: US/09/699,684
; CURRENT FILING DATE: 2000-10-31
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/348,578
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 17
; LENGTH: 34
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: (1)..(34)
; OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
; OTHER INFORMATION: signal
US-09-699-684-17

Query Match          1.6%; Score 7; DB 4; Length 34;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      81 TKRSL 87
DB      5 TKRSL 11

RESULT 15
US-09-348-578-18
; Sequence 18, Application US/09348578
; Patent No. 6160089
; GENERAL INFORMATION:
; APPLICANT: HONJO, Masaru
; APPLICANT: NAITOH, Naokazu
; APPLICANT: UCHIDA, Hiroshi
; APPLICANT: MOCHIZUKI, Daisuke
; APPLICANT: MATSUMOTO, Kazuya
; TITLE OF INVENTION: METHOD FOR SECRETORY PRODUCTION OF HUMAN GROWTH HORMONE
; FILE REFERENCE: 029430-421
; CURRENT APPLICATION NUMBER: US/09/348,578
; CURRENT FILING DATE: 1999-07-07
; EARLIER APPLICATION NUMBER: JP 193003/1998
; EARLIER FILING DATE: 1998-07-08
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 18
; LENGTH: 35
; TYPE: PRT
; ORGANISM: Artificial Sequence
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; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: (1)..(35)
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Modified Oppa secretion
; OTHER INFORMATION: signal
US-09-348-578-18

Query Match          1.6%; Score 7; DB 4; Length 35;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY      81 TKRSL 87
DB      5 TKRSL 11

Search completed: June 21, 2003, 01:47:40
Job time : 20 secs
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OM protein - protein search, using sw model

Run on: June 21, 2003, 00:06:41 ; Search time 36 Seconds
(without alignments)
360,431 Million cell updates/sec

360,431 Million cell updates/sec

Title: US-09-895-686-1
Perfect score: 2326
Sequence: 1 MAHKALWMLGLPLFLPG.....ATPPKDKNSGVENRPFYWD 441

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents-AA:*
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2: /cgn2_6/ptodata/1/1aa/5B_COMB.pep:*
3: /cgn2_6/ptodata/1/1aa/6A_COMB.pep:*
4: /cgn2_6/ptodata/1/1aa/6B_COMB.pep:*
5: /cgn2_6/ptodata/1/1aa/PCtUS_COMB.pep:*
6: /cgn2_6/ptodata/1/1aa/Backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	533	22.9	347	4	US-09-188-930-326
2	169	7.3	68	4	US-09-188-930-123
3	153	6.6	872	3	US-08-337-797A-2
4	153	6.6	872	3	US-09-258-523-2
5	147	6.3	879	1	US-08-072-574-6
6	147	6.3	879	1	US-08-486-270-6
7	147	6.3	879	3	US-08-367-264-6
8	147	6.3	879	4	US-08-794-158-2
9	147	6.3	879	4	US-09-153-757-6
10	147	6.3	879	4	US-08-538-526-1
11	142	6.1	1199	1	US-08-041-538-2
12	142	6.1	1199	1	US-08-463-642-2
13	142	6.1	1199	1	US-08-453-602-2
14	142	6.1	1199	2	US-08-465-157-2
15	142	6.1	1199	5	PCT-US91-09422-2
16	140	6.0	906	1	US-08-486-270-2
17	140	6.0	906	3	US-08-367-264-2
18	140	6.0	906	4	US-09-153-757-2
19	136.5	5.9	1219	2	US-08-687-289A-6
20	136	5.8	906	5	PCT-US91-09422-17
21	131.5	5.7	1056	2	US-08-687-289A-7
22	130.5	5.6	1056	2	US-08-687-289A-8
23	128.5	5.5	863	4	US-09-619-353-14
24	128.5	5.5	877	4	US-09-619-353-2
25	125	5.4	908	4	US-08-855-146-2
26	123	5.3	1058	2	US-08-687-289A-5
27	122	5.2	908	3	US-08-823-110-1

28	122	5.2	908	3	US-08-604-298-1	Sequence 1, Appli
29	120.5	5.2	854	4	US-09-619-353-10	Sequence 10, Appl
30	118.5	5.1	835	4	US-09-619-353-7	Sequence 7, Appli
31	118.5	5.1	877	3	US-09-126-280-2	Sequence 2, Appli
32	118.5	5.1	1079	1	US-08-485-588-8	Sequence 8, Appli
33	118.5	5.1	1079	1	US-08-484-565-8	Sequence 8, Appli
34	118.5	5.1	1079	2	US-08-480-751-8	Sequence 8, Appli
35	118.5	5.1	1079	2	US-08-943-986-8	Sequence 8, Appli
36	118.5	5.1	1079	3	US-08-353-784-8	Sequence 8, Appli
37	118.5	5.1	1079	4	US-08-484-719B-8	Sequence 8, Appli
38	118.5	5.1	1085	1	US-08-485-588-5	Sequence 8, Appli
39	118	5.1	1085	1	US-08-484-565-5	Sequence 5, Appli
40	118	5.1	1085	2	US-08-480-751-5	Sequence 5, Appli
41	118	5.1	1085	2	US-08-943-986-5	Sequence 5, Appli
42	118	5.1	1085	2	US-08-943-986-5	Sequence 5, Appli
43	118	5.1	1085	3	US-08-353-784-5	Sequence 5, Appli
44	118	5.1	1085	3	US-08-484-719B-5	Sequence 5, Appli
45	118	5.1	1085	4	US-08-484-159-5	Sequence 5, Appli

ALIGNMENTS

RESULT 1									
US-09-188-930-326									
Sequence 326, Application US/09188930A									
Patent No. 6150302									
GENERAL INFORMATION:									
APPLICANT: Watson, James D.									
APPLICANT: Strachan, Lorna									
APPLICANT: Sleeman, Matthew									
APPLICANT: Onrust, Rene									
APPLICANT: Marison, James Greg									
TITLE OF INVENTION: Compositions Isolated From Skin Cells									
FILE REFERENCE: 11000.1011c1									
CURRENT FILING DATE: 1998-11-09									
NUMBER OF SEQ ID NOS: 348									
SOFTWARE: FASTSEQ for Windows Version 3.0									
SEQ ID NO 326									
LENGTH: 347									
TYPE: PRT									
ORGANISM: Human									
US-09-188-930-326									
Query Match									
Best Local Similarity 36.1%; Pred. No. 6.3e-48;									
Matches 137; Conservative 61; Mismatches 130; Indels 52; Gaps 12;									
QY	21	AMAQGHVPPGCSQGLNPLYVNLCDRSGAMGIVLEAVAGAGIVTT--FVLT-ILVASLPF	77						
DB	1	AMSR-----PRYRLCDKAEAMGIVLEAVAGVTSVAFMLTLPILVCK---	45						
QY	78	VQDRKRLTGOVEFLIGTLGFCLYACVAKDPDFSCASRRFLFGLVAFICFSCIAAH	137						
DB	46	VQDSRRKMLTQFLFLGVLGICGLTFAITIGDGSQPRFLFLGFLSICISCLAAH	105						
QY	138	VFALNPLARKNKGPRGVIPTVALLTLVLEVIINTEMLITPLVRSRGSGRGSSAGWA	197						
DB	106	AVSLTKATVGRKPLSLVILIGLAVGFSLVQVIVALEYIVLMNR-----TWNVNSE	157						
QY	198	VASPKATANNMFPVALIYVMLLIGAFIAGAPALCGRRKRRKGVFLVLTATNSVAIW	257						
DB	158	LSAP--RRNEPFLVILTYVFLMALTFMSSFTFGSGFTGKRKRGAAHYITMLISTAIW	215						
QY	258	VMIWYTYGNKQHSPTWDDPTIALAANAFAVLFVIEVSQVTSSEQSGSGYGDNY	317						
DB	216	AMITLLMLPDDR---WDTIISALAAAGVFLIAYVSEFPLITQRNPMIDYVE--	270						
QY	318	PTRGVGYETLLEKQGSQMF--VENKAFSMDPEVAAKRPVSPYSGYNGQLITSYQPTEMA	376						
DB	271	-----DAFCQPOLVKKSYGVENRAYSQEE-----ITQGFETGDTLIVAPYS--THFO	315						

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QY      377 LMHKVPSEGAYDIIIPRATA 396
          |::|: :||| |
Db      316 LQNPPOK---EFSIPRAHA 332
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RESULT 2
US-09-188-930-123
Sequence 123, Application US/09188930A
Patent No. 6150502
GENERAL INFORMATION:
APPLICANT: Watson, James D.
APPLICANT: Strachan, Lorna
APPLICANT: Sleeman, Matthew
APPLICANT: Ormsted, Rene
APPLICANT: Murison, James Greg
TITLE OF INVENTION: Compositions Isolated From Skin Cells
TITLE OF INVENTION: and Methods For Their Use
FILE REFERENCE: 11000.101c1
CURRENT APPLICATION NUMBER: US/09/188,930A
CURRENT FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 348
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 123
LENGTH: 68
TYPE: PRT
ORGANISM: Human
US-09-188-930-123

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Query Match	7.38	Score 169;	DB 4;	Length 68;
Best Local Similarity	54.38	Pred. No. 1.6e-10;		
Matches 38;	Conservative 11;	Mismatches 17;	Indels 4;	Gaps 2

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QY      125 VLFAICFSCL 134
      :||:|||||
Db      58 ILFISICFSCL 67
```

RESULT 3
 US-08-337-797A-2
 Sequence 2, Application US/08337797A
 Patent No. 6017697
 GENERAL INFORMATION:
 APPLICANT: Burnett, J. P.
 APPLICANT: Mayne, Nancy G.
 APPLICANT: Sharp, Robert L.
 APPLICANT: Snyder, Yvonne M.
 TITLE OF INVENTION: EXCITATORY AMINO ACID RECEPTOR PROTEIN
 TITLE OF INVENTION: AND RELATED NUCLEIC ACID COMPOUNDS
 NUMBER OF SEQUENCES: 3
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Eli Lilly and Company
 STREET: Lilly Corporate Center
 CITY: Indianapolis
 STATE: Indiana
 COUNTRY: United States of America
 ZIP: 46285
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/337,797A
 FILING DATE: No. 6017697ember 14, 1994
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: Gaylo, Paul J.
 REGISTRATION NUMBER: 36,808

```

1 REFERENCE/DOCKET NUMBER: X-9433
2
3 TELECOMMUNICATION INFORMATION:
4 TELEPHONE: (317) 276-0756
5 TELEFAX: (317) 276-3861
6 INFORMATION FOR SEQ ID NO: 2:
7
8 SEQUENCE CHARACTERISTICS:
9
10 LENGTH: 872 amino acids
11 TYPE: amino acid
12 TOPOLOGY: linear
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14 MOLECULE TYPE: protein
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Query Match	6.68;	Score	153;	DB	3;	Length	872;
Best Local Similarity	22.28;	Pred.	No.	4e-07;			
Matches	75;	Conservative	50;	Mismatches	143;	Indels	70;
						Gaps	14

64 TFLVLTILVASLPFVODTKRSLGQVFFLLGTIGL-FCLVPCVWKPDFSICASRFL 122

123 FGVLFAICFSCIAHVEALNFLARKNHGPRGW-----IFTVALLLTLV--EVIINT 172

173 ENLITLVRCGSGEGPQGNSSAGMVAVSPCAIANMDFVALLIYVMLLLGAFLGAWPALC 232

233 GRK-RWRK-----HGVEVLLTATSAIWVWVITVMTYGNKQHNSPWDDPTLAIALA 285

Qy 286 ANAMAFVLFPVIPLEVSQVTKSSPEQSYQGDNYPTRGVG 3233
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 Db 800 LSG-SYVLGCLFAPKLAHLILFQPKNVVSHRAPTSRKG 8366

RESULT 4
US-09-258-523-2
Sequence 2, Application US/09258523
Patent No. 6103475
GENERAL INFORMATION:
APPLICANT: Burnett, J. P.
APPLICANT: Mayne, Nancy G.
APPLICANT: Sharp, Robert L.
APPLICANT: Snyder, Yvonne M.
TITLE OF INVENTION: EXCITATORY AMINO ACID RECEPTOR PROTEIN
TITLE OF INVENTION: AND RELATED NUCLEIC ACID COMPOUNDS
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Eli Lilly and Company
STREET: Lilly Corporate Center
CITY: Indianapolis
STATE: Indiana
COUNTRY: United States of America
ZIP: 46285
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/258,523
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/337,797
FILING DATE: NO. 6103475ember 14, 1994
ATTORNEY/AGENT INFORMATION:

NAME: Gaylo, Paul J.
 REGISTRATION NUMBER: 36,808
 REFERENCE/DOCKET NUMBER: X-9431
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (317) 276-0756
 TELEFAX: (317) 276-3861
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 872 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 us-09-258-523-2

Query Match 6.6%; Score 153; DB 3; Length 872;
 Best Local Similarity 22.28; Pred. No. 4e-07;
 Matches 75; Conservative 50; Mismatches 143; Indels 70; Gaps 14;

QY 6 ALVWMLGLP--LELFGAMAGHVPQCGLNPLYYNLCDRSGAMGIVLEAVAGAGIVT 63
 DB 549 SLTGCLELPOEYIRMGDAMAVGPVTAC-----LGA-LAT 582
 QY 64 TTVLTILVASLDPVDTKRSLGLQVEFLGLGL-FCLVACVVKPDEFCASRRL 122
 DB 583 LFLVGFVFRHNAIPVVKASGRRL---CYLLGVEFLCYCMTEFLAKPSTGCALRLG 638
 QY 123 FGVLFIAPCSCLAHFALNFARKNHGRGWY-----ITVALLLTV--EVIINT 172
 DB 639 VGFASFVCYSALTKT---NRIRIFGAREGAORPRELSPASOVAICALLISGQLITV 695
 QY 173 EMLITLVRSGEFGPOGSSAGMAVAPCAIANMFVVALIYVMLLLGAFLGAMPALC 232
 DB 696 AMLVAEPTGKTAERRE---VYTLRCHNDASMLSLAINVLLI-----ALC 742
 QY 233 GRK-RMRK-----HGVYLLTATASVAIWVYIWMYIYGNKHNSPTWDDPLAIALA 285
 DB 743 TLVAFKTRKCPENFNKAFIGFTMYTTCIIMLFLPIFYVTSDDYVQT---TTMCVSVS 759
 QY 286 ANAMAFVLYFVIEVSQVTSPEOSYQGMPTRGV 323
 DB 800 LSG-SVVLGCLFAPKHLIILPQKNVSHRAPTSREG 836

RESULT 5
 US-08-072-574-6
 Sequence 6, Application US/08072574,
 Patent No. 5521297

GENERAL INFORMATION:
 APPLICANT: Daggett, Lorrie
 APPLICANT: Ellis, Steven B.
 APPLICANT: Liaw, Chen
 APPLICANT: Pontsler, Aaron
 TITLE OF INVENTION: HUMAN METABOTROPIC GLUTAMATE RECEPTORS,
 TITLE OF INVENTION: NUCLEIC ACIDS ENCODING SAME AND USES THEREOF
 NUMBER OF SEQUENCES: 13
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
 STREET: 444 South Flower Street, Suite 2000.
 CITY: Los Angeles
 STATE: CA
 COUNTRY: USA
 ZIP: 00719

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/072,574
 FILING DATE: 19930604
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Reiter, Stephen E.

REGISTRATION NUMBER: 31,192
 REFERENCE/DOCKET NUMBER: P41 9383
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 213-622-7700
 TELEFAX: 213-489-4210
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 879 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 us-08-072-574-6

Query Match 6.3%; Score 147; DB 1; Length 879;
 Best Local Similarity 21.88; Pred. No. 1.7e-06;
 Matches 61; Conservative 55; Mismatches 106; Indels 58; Gaps 12;

QY 48 AMGIVLEAVAGAGIVTFTVITLVA--SLPEVDTKRSLGLQVEFLGLGL-FCLV 104
 DB 575 AMAIGPVTIACLEFMCQMVYVFIKHNNTPLVKASGRE-----LCYILLFGGLSYCMT 629
 QY 105 PACVVKPDESTCASRRLFEVLFAICPSCLAHVFNFLAR-----KNHGRGWY--- 156
 DB 630 FFEIARSPYICALRLRGLGSSFAICYSALLTKT---NCIARTEFGVKNQAKQPKFSPS 686
 QY 157 --FTVALLLTVLVEIINTFVLTIVRSGEFGPOGSSAGMAVAS-----PCAIAM 207
 DB 687 SQVFICGLITLVOIVMVSVLL-----EAPGTRRYLAERREVIILKCNKDS 735
 QY 208 DFVVALIYVMLLLGAFLGAMPALCGRYK-RMRK-----HGVYLLTATASVAIWVWI 260
 DB 736 SMLISLYDVITVY-----LCYVYARFKTRKCPENFNKAFIGFTMYTTCIIMLAF 786
 QY 261 VMATYGNKHNSPTWDDPLAIALANAMAFVLYFVIEV 300
 DB 787 PIFYVTSDDYVQT---TTMCISVSLSGFVLGCLFAPKV 823

RESULT 6
 US-08-486-270-6
 Sequence 6, Application US/08486270,
 Patent No. 5807689

GENERAL INFORMATION:
 APPLICANT: Daggett, Lorrie
 APPLICANT: Ellis, Steven B.
 APPLICANT: Liaw, Chen
 APPLICANT: Pontsler, Aaron
 APPLICANT: Johnson, Edwin C.
 APPLICANT: Hess, Stephen D.
 TITLE OF INVENTION: HUMAN METABOTROPIC GLUTAMATE RECEPTORS,
 TITLE OF INVENTION: NUCLEIC ACIDS ENCODING SAME AND USES THEREOF
 NUMBER OF SEQUENCES: 13
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
 STREET: 444 South Flower Street, Suite 2000
 CITY: Los Angeles
 STATE: CA
 COUNTRY: USA
 ZIP: 90071

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/486,270
 FILING DATE: 02-JUN-1994
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/072,574
 FILING DATE: 04-JUN-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Reiter, Stephen E.

REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: FP41 9772
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 879 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-486-270-6

Query Match 6.3%; Score 147; DB 1; Length 879;
Best Local Similarity 21.8%; Pred. No. 1.7e-06;
Matches 61; Conservative 55; Mismatches 106; Indels 58; Gaps 12;

QY 48 AMGVLEAVAGAGIVTEVLTITLVA--SLPEVQDTKRSLSLGTQVFELGLGL-FCLV 104
DB 575 AMAIGVTTIACIGFMCCTGVVTFIKHNTPLVKASGRE----LCYILLFGVGLSYCMT 629
QY 105 FACVVPDSTCASRRELFGLVPAICFSCLAHVFLNPLAR-----KNHGPRGWI--- 156
DB 630 FFIAPSPVYICLRRLGLSSPAICYSLTKT--NCIARIFDGVKNGAQRPKFTSPS 686
QY 157 --FTVALLTIVEIINTFMILITITVRGSGEGGPGQSSAGWAVAS-----PCAIAMN 207
DB 687 SQVFICLGLIIVQIVAVSWLIL-----EAPGTRRTYLAKEKRETVILKCVKXS 735
QY 208 DEVMALIVYMLLLGAFGLAMPALCGRYK-RMRK-----HGVFLLTTSVAIVWVI 260
DB 736 SMLISTYVIVIVYI-----LCIVYAFKTRKCPENNEAKFIFGFTWTCIILWAEI 786
QY 261 VMYTYGNKHNSPTMDPTLAIATANANAFVLYFYIPEV 300
DB 787 PIYVTSDDRYQT---TTMCISVLSLGFVGLCLPAKRV 823

RESULT 7

US-08-367-264-6
Sequence 6, Application US/08367264
Patent No. 6001581
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie
APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen
APPLICANT: Portisler, Aaron
APPLICANT: Johnson, Edwin C.
APPLICANT: Hess, Stephen D.
TITLE OF INVENTION: HUMAN METABOTROPIC GLUTAMATE RECEPTORS,
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING SAME AND USES THEREOF
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/367,264
FILING DATE: 02-JUN-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/072,574
FILING DATE: 04-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.

REGISTRATION NUMBER: 31,192
REFERENCE/DOCKET NUMBER: FP41 9772
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 879 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-367-264-6

Query Match 6.3%; Score 147; DB 3; Length 879;
Best Local Similarity 21.8%; Pred. No. 1.7e-06;
Matches 61; Conservative 55; Mismatches 106; Indels 58; Gaps 12;

QY 48 AMGVLEAVAGAGIVTEVLTITLVA--SLPEVQDTKRSLSLGTQVFELGLGL-FCLV 104
DB 575 AMAIGVTTIACIGFMCCTGVVTFIKHNTPLVKASGRE----LCYILLFGVGLSYCMT 629
QY 105 FACVVPDSTCASRRELFGLVPAICFSCLAHVFLNPLAR-----KNHGPRGWI--- 156
DB 630 FFIAPSPVYICLRRLGLSSPAICYSLTKT--NCIARIFDGVKNGAQRPKFTSPS 686
QY 157 --FTVALLTIVEIINTFMILITITVRGSGEGGPGQSSAGWAVAS-----PCAIAMN 207
DB 687 SQVFICLGLIIVQIVAVSWLIL-----EAPGTRRTYLAKEKRETVILKCVKXS 735
QY 208 DEVMALIVYMLLLGAFGLAMPALCGRYK-RMRK-----HGVFLLTTSVAIVWVI 260
DB 736 SMLISTYVIVIVYI-----LCIVYAFKTRKCPENNEAKFIFGFTWTCIILWAEI 786
QY 261 VMYTYGNKHNSPTMDPTLAIATANANAFVLYFYIPEV 300
DB 787 PIYVTSDDRYQT---TTMCISVLSLGFVGLCLPAKRV 823

RESULT 8

US-08-794-158-2
Sequence 2, Application US/08794158
Patent No. 6387655
GENERAL INFORMATION:
APPLICANT: Burnett Jr., J. Paul
APPLICANT: Mayne, Nancy G.
APPLICANT: Sharp, Robert L.
TITLE OF INVENTION: Excitatory Amino Acid Receptor Protein
TITLE OF INVENTION: and Related Nucleic Acid Compounds
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Eli Lilly and Company
STREET: Lilly Corporate Center
CITY: Indianapolis
STATE: Indiana
COUNTRY: U.S.
ZIP: 46285
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/794,158
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Webster, Thomas D.
REGISTRATION NUMBER: 39,872
REFERENCE/DOCKET NUMBER: X-9962
TELECOMMUNICATION INFORMATION:
TELEPHONE: 317-276-3334
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:

LENGTH: 879 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-794-158-2

Query Match 6.3%; Score 147; DB 4; Length 879;
Best Local Similarity 21.8%; Pred. No. 1.7e-06;
Matches 61; Conservative 55; Mismatches 106; Indels 58; Gaps 12;

QY 48 AMGIVLEAVAGAGIVTTFVLTIIIVA--SLPFVDTKRSLGTVQVFLTGL-FCLV 104
DB 575 AMAIGPVITACLGMCCTMVTVTFIKHNTPLVKASGRE-----LCYILLGVLGYSTCMT 629
QY 105 FACVVKPDFSTCASRFLFGLVFAICPSCLAAHFALNFAR-----KNHPRGMVI--- 156
DB 630 FFFIAKSPVICALRRGLGSSFAICYALLTKT---NCIARIFDGVNKAQRPFISPS 686
QY 157 --FTVALLLTVEYIINTEMLIITLVKSGSGGFGQNSAGMAVAS-----PCAIANM 207
DB 687 SQVFICGLLIVQIVMVSVMIL-----EAPGTRRYTLAEKRETVILKCNVADS 735
QY 208 DEVALLIYVMLLLGAFLGAMPALCGRYK-RMRK-----HGVFVLLTATSVAIWMYVI 260
DB 736 SMLISLYDVILVI-----LCITYAFKTRKCPENFNEAKFIFGFTMYTTCIIWLAF 786
QY 261 VMYTYGNKQNSPTWDPDLTALAANAMAFVLEVPYIPEV 300
DB 787 PIFVYTSDDYRVQT---TTMCISVSLSGFVVLGCLFAPKV 823

RESULT 9

US-09-153-757-6
Sequence 6, Application US/09153757
Patent No. 6413764

GENERAL INFORMATION:

APPLICANT: Daggett, Lorrie
Ellis, Steven B.
Llao, Chen
Pontsler, Aaron
Johnson, Edwin C.
Hess, Stephen D.
TITLE OF INVENTION: HUMAN METABOTROPIC GLUTAMATE RECEPTORS,
NUCLEIC ACIDS ENCODING SAME AND USES THEREOF
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Priety, Schroeder, Brueggemann & Clark
STREET: 444 South Flower Street, Suite 2000
CITY: Los Angeles
STATE: CA
COUNTRY: USA
ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/153,757
FILING DATE: 15-Sep-1998
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/486,270
FILING DATE: 02-JUN-1994
APPLICATION NUMBER: US 08/072,574
FILING DATE: 04-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Reiter, Stephen E.
REGISTRATION NUMBER: 31,192

REFERENCE/DOCKET NUMBER: FPA1 9772
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-546-4737
TELEFAX: 619-546-9392

INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 879 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-153-757-6

Query Match 6.3%; Score 147; DB 4; Length 879;
Best Local Similarity 21.8%; Pred. No. 1.7e-06;
Matches 61; Conservative 55; Mismatches 106; Indels 58; Gaps 12;

QY 48 AMGIVLEAVAGAGIVTTFVLTIIIVA--SLPFVDTKRSLGTVQVFLTGL-FCLV 104
DB 575 AMAIGPVITACLGMCCTMVTVTFIKHNTPLVKASGRE-----LCYILLGVLGYSTCMT 629
QY 105 FACVVKPDFSTCASRFLFGLVFAICPSCLAAHFALNFAR-----KNHPRGMVI--- 156
DB 630 FFFIAKSPVICALRRGLGSSFAICYALLTKT---NCIARIFDGVNKAQRPFISPS 686
QY 157 --FTVALLLTVEYIINTEMLIITLVKSGSGGFGQNSAGMAVAS-----PCAIANM 207
DB 687 SQVFICGLLIVQIVMVSVMIL-----EAPGTRRYTLAEKRETVILKCNVADS 735
QY 208 DEVALLIYVMLLLGAFLGAMPALCGRYK-RMRK-----HGVFVLLTATSVAIWMYVI 260
DB 736 SMLISLYDVILVI-----LCITYAFKTRKCPENFNEAKFIFGFTMYTTCIIWLAF 786
QY 261 VMYTYGNKQNSPTWDPDLTALAANAMAFVLEVPYIPEV 300
DB 787 PIFVYTSDDYRVQT---TTMCISVSLSGFVVLGCLFAPKV 823

RESULT 10

US-08-538-526-1
Sequence 1, Application US/08538526
Patent No. 6303751

GENERAL INFORMATION:

APPLICANT: Burnett, J. Paul
Mayne, Nancy G.
APPLICANT: Sharp, Robert L.
APPLICANT: Snyder, Yvonne M.
TITLE OF INVENTION: Human Metabotropic Glutamate Receptor
and Related DNA Compounds
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Patent Division/DKB
STREET: Lilly Corporate Center
CITY: Indianapolis
STATE: IN
COUNTRY: USA
ZIP: 46285

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/538,526
FILING DATE: October 3, 1995
CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: Bialock, Donna K.
REGISTRATION NUMBER: 38,082
REFERENCE/DOCKET NUMBER: X-8319B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 317/277-1090
INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:
LENGTH: 1194 amino acids
TYPE: amino acid
TOPOLOGY: linear

RESULT 12
 US-08-463-642-2
 Sequence 2, Application US/08463642
 Patent No. 5721107
 GENERAL INFORMATION:
 APPLICANT: Multivihill, Eileen R
 APPLICANT: Hagen, Frederick S
 APPLICANT: Houamed, Khaled M
 APPLICANT: Almers, Wolfhard
 TITLE OF INVENTION: G PROTEIN COUPLED GLUTAMATE
 RECEPTORS
 NUMBER OF SEQUENCES: 15
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Townsend and Townsend
 STREET: Steuart Street Tower, One Market Plaza
 CITY: San Francisco
 STATE: CA
 COUNTRY: USA
 ZIP: 94105
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/463,642
FILING DATE: 05-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/672,007
FILING DATE: 18-MAR-1991
APPLICATION NUMBER: US 07/648,481
FILING DATE: 30-JAN-1991
APPLICATION NUMBER: 07/626,806
FILING DATE: 12-DEC-1990
ATTORNEY/AGENT INFORMATION:
NAME: Parmelee, Steven W
REGISTRATION NUMBER: 31,990
REFERENCE/DOCKET NUMBER: 13952-6-1-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-467-9600
TELEFAX: 206-623-6793
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1199 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-463-642-2

Query Match 6.1%; Score 142; DB 1; Length 1199;
Best Local Similarity 22.4%; Pred. No. 9.4e-06;

Matches 85; Conservative 54; Mismatches 153; Indels 88; Gaps 19;

QY 20 GANAQGVHPGCGSGLNPLYYNCDRSGANGIYLEAVAGIYTFVLTITIV--ASLPF 77
DB 568 GWPNAEL-----TGCEPIVRYLEWSDISITAIASFSGIIVTLFVLTIVLYRDPV 622
QY 78 VODTKRSLGTQVFFLGT-LGFLCVFACVVPDSTCASRRFLFGVFAICFSCIAA 136
DB 623 VKSSRRLC-----YIIAGIFLGYVC-PFTLAKPTTSCYLRQLVLGSSAMCYSLA-- 675
QY 137 HVALNPLARKNHG-----PR--GWVFTVALLLVEYIITFEMLIITLVGSG 184
DB 676 -VTKTNRIARILGSKKIKCTRRPRFMSAQAQVIAISILSVOLT-----LVYLLI---- 725
QY 185 EGGPQGSAGMAVASP-----CAIANMDFVMAIIVMLLIGAFLGAW 228
DB 726 -----IMEPPMILSYPSIKEVYLLICNTSNLGVAVPGVNGLLIMSCITYAF 772
QY 229 -----PALCGRYKRRKHGVFVLLTATSAIIVWVIMVITYGKQNSPTMDPTLAI 283
DB 773 KTRNVPAINFNEAK-----YIAFTWYTCIIMLAFPIY-FGSNRYKIITTCFAVLSVT 824
QY 284 LAANAMAFVLYFYI---PE---VSQVTKSSPEQSYQD-MYPTRGVYETILKEQK-GQS 335
DB 825 VALGCMETPKMYITIIAKPERNVRSAPFTSDVVRMHVGDGLPCRSNTEFLNIFRRKKPGAG 884
QY 336 MEYEN-KAFSMDPEVAKRP 354
DB 885 NANSNGKSVSWSEPGGRQAP 904

RESULT 13

US-08-455-602-2

Sequence 2, Application US/08455602

Patent No. 5747267

GENERAL INFORMATION:

APPLICANT: Mulvihill, Eileen R

APPLICANT: Hagen, Frederick S

APPLICANT: Houamed, Khaled M

APPLICANT: Almers, Wolfhard

TITLE OF INVENTION: G PROTEIN COUPLED GLUTAMATE

TITLE OF INVENTION: RECEPTORS

NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend
STREET: Steuart Street Tower, One Market Plaza
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.24
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/455,602
FILING DATE: 31-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/672,007
FILING DATE: 18-MAR-1991
APPLICATION NUMBER: US 07/648,481
FILING DATE: 30-JAN-1991
APPLICATION NUMBER: 07/626,806
FILING DATE: 12-DEC-1990
ATTORNEY/AGENT INFORMATION:
NAME: Parmelee, Steven W
REGISTRATION NUMBER: 31,990
REFERENCE/DOCKET NUMBER: 13952-6-1-2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-467-9600
TELEFAX: 206-623-6793
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1199 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-455-602-2

Query Match 6.1%; Score 142; DB 1; Length 1199;
Best Local Similarity 22.4%; Pred. No. 9.4e-06;

Matches 85; Conservative 54; Mismatches 153; Indels 88; Gaps 19;

QY 20 GANAQGVHPGCGSGLNPLYYNCDRSGANGIYLEAVAGIYTFVLTITIV--ASLPF 77
DB 568 GWPNAEL-----TGCEPIVRYLEWSDISITAIASFSGIIVTLFVLTIVLYRDPV 622
QY 78 VODTKRSLGTQVFFLGT-LGFLCVFACVVPDSTCASRRFLFGVFAICFSCIAA 136
DB 623 VKSSRRLC-----YIIAGIFLGYVC-PFTLAKPTTSCYLRQLVLGSSAMCYSLA-- 675
QY 137 HVALNPLARKNHG-----PR--GWVFTVALLLVEYIITFEMLIITLVGSG 184
DB 676 -VTKTNRIARILGSKKIKCTRRPRFMSAQAQVIAISILSVOLT-----LVYLLI---- 725
QY 185 EGGPQGSAGMAVASP-----CAIANMDFVMAIIVMLLIGAFLGAW 228
DB 726 -----IMEPPMILSYPSIKEVYLLICNTSNLGVAVPGVNGLLIMSCITYAF 772
QY 229 -----PALCGRYKRRKHGVFVLLTATSAIIVWVIMVITYGKQNSPTMDPTLAI 283
DB 773 KTRNVPAINFNEAK-----YIAFTWYTCIIMLAFPIY-FGSNRYKIITTCFAVLSVT 824
QY 284 LAANAMAFVLYFYI---PE---VSQVTKSSPEQSYQD-MYPTRGVYETILKEQK-GQS 335
DB 825 VALGCMETPKMYITIIAKPERNVRSAPFTSDVVRMHVGDGLPCRSNTEFLNIFRRKKPGAG 884
QY 336 MEYEN-KAFSMDPEVAKRP 354
DB 885 NANSNGKSVSWSEPGGRQAP 904

RESULT 14


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Db      676 -VTKNRIARILAGSKKIKTRKPRFMSANAQVIASILISVOLT-----LVVTLI----- 725
QY      185 EGGPOGNSAGWAVASP-----CAIANMDFVMAIIVMILLIGAFIAGAW 228
Db      726 -----IMEPPMPLISYPSIKEVYLICNTSNGVAVPVGYNGLIMSCITYAF 772
QY      229 -----PALCGRYKRRKHGVFVLLTTATSVAIWVWIMVYTYGNKOHNSPTWDDPTLAI 283
Db      773 KTRNVVPANFNEAK-----YIAFTMYTTCIIMLAFVPIY-FGSNMYKIITTCFAVSLSVT 824
QY      284 LANANAFVLEFYI---PE---VSQVTKSSPEOSYQGD-MPTRGVGETILKEOK-GQS 335
Db      825 VALGCMFTPKMYIILIAKPERVRSFTTSDVVRMHVGDGKLPCRSNTFLNIFRRKKPDAG 884
QY      336 MFVEN-KAFSMDPEVPAKRP 354
Db      885 NANSNGKSVSWSEPGROAP 904

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Search completed: June 21, 2003, 01:39:57
 Job time : 38 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 21, 2003, 01:34:30 ; Search time 67 Seconds
(without alignments) 712.227 Million cell updates/sec

Title: US-09-895-686-1

Perfect score: 2326
Sequence: 1 MAHKALVMCLGLPLFLFPG.....ATPEKCKNSQVFRNPYVMD 441

Scoring table: BIOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 417779 seqs, 108206813 residues

Total number of hits satisfying chosen parameters: 417779

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:*

- 1: /cgn2_6/ptodata/2/pubpaa/US08_NEM_PUB pep:*
- 2: /cgn2_6/ptodata/2/pubpaa/PCN_NEM_PUB pep:*
- 3: /cgn2_6/ptodata/2/pubpaa/US06_NEM_PUB pep:*
- 4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB pep:*
- 5: /cgn2_6/ptodata/2/pubpaa/US07_NEM_PUB pep:*
- 6: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB pep:*
- 7: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB pep:*
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- 10: /cgn2_6/ptodata/2/pubpaa/US09_PUBCOMB pep:*
- 11: /cgn2_6/ptodata/2/pubpaa/US10_NEM_PUB pep:*
- 12: /cgn2_6/ptodata/2/pubpaa/US10_PUBCOMB pep:*
- 13: /cgn2_6/ptodata/2/pubpaa/US60_NEM_PUB pep:*
- 14: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	2326	100.0	441	10	US-09-871-874-21
2	2326	100.0	441	10	US-09-895-686-1
3	2326	100.0	486	10	US-09-871-874-14
4	2274	97.8	451	10	US-09-871-874-9
5	2274	97.8	451	10	US-09-871-874-13
6	2274	97.8	496	10	US-09-871-874-12
7	2250	96.7	473	10	US-09-871-874-19
8	2027	87.1	400	9	US-10-097-065-146
9	2019	86.8	401	10	US-09-871-874-11
10	2019	86.8	446	10	US-09-871-874-10
11	1018	43.8	234	10	US-09-871-874-20
12	733	31.5	403	9	US-10-097-340-121
13	733	31.5	403	10	US-09-826-508-30
14	733	31.5	403	10	US-09-895-686-5
15	733	31.5	427	10	US-09-826-508-32
16	558	24.0	357	9	US-10-176-847-60
17	550.5	23.7	313	10	US-09-864-761-35804
18	533	22.9	347	9	US-09-866-0504-326
19	479.5	20.6	125	10	US-09-871-874-17

20	478	20.6	105	10	US-09-871-874-16	Sequence 16, App1
21	478	20.6	106	9	US-10-097-065-247	Sequence 247, App1
22	478	20.6	150	10	US-09-871-874-15	Sequence 15, App1
23	350	15.0	67	10	US-09-871-874-18	Sequence 18, App1
24	187.5	8.1	200	9	US-10-023-282-349	Sequence 349, App1
25	169	7.3	68	9	US-09-866-0504-123	Sequence 123, App1
26	154	6.6	738	9	US-10-270-333-6	Sequence 6, App1
27	129	5.5	583	9	US-10-270-333-78	Sequence 78, App1
28	128.5	5.5	828	10	US-09-816-685-4	Sequence 4, App1
29	128.5	5.5	863	9	US-10-151-208-14	Sequence 14, App1
30	128.5	5.5	877	9	US-10-151-208-2	Sequence 2, App1
31	128	5.5	197	10	US-09-864-761-37046	Sequence 37046, A
32	126	5.4	881	10	US-09-982-736-2	Sequence 2, App1
33	126	5.4	926	10	US-09-816-685-2	Sequence 2, App1
34	120.5	5.2	834	9	US-10-151-208-10	Sequence 10, App1
35	118.5	5.1	835	9	US-10-151-208-7	Sequence 7, App1
36	117.5	5.1	1027	9	US-10-125-792-2	Sequence 2, App1
37	117.5	5.1	1027	9	US-10-125-778-2	Sequence 2, App1
38	117.5	5.1	1078	12	US-10-002-854-2	Sequence 2, App1
39	115.5	5.0	1078	10	US-09-727-205-2	Sequence 2, App1
40	113.5	4.9	388	9	US-10-125-792-6	Sequence 6, App1
41	113.5	4.9	388	9	US-10-125-778-6	Sequence 6, App1
42	113.5	4.9	850	9	US-10-125-792-12	Sequence 12, App1
43	113.5	4.9	850	9	US-10-125-778-12	Sequence 12, App1
44	113.5	4.9	941	9	US-10-125-792-8	Sequence 8, App1
45	113.5	4.9	941	9	US-10-125-792-10	Sequence 10, App1

ALIGNMENTS

RESULT 1	
US-09-871-874-21	US-09-871-874-21
Sequence 21, Application US/09871874	
Patent No. US20020081655A1	
GENERAL INFORMATION:	
APPLICANT: SAVITZKY, Kinnearet	
APPLICANT: TOBORIK, Amir	
TITLE OF INVENTION: Splice Variant of mglur	
FILE REFERENCE: 2786-0176P	
CURRENT APPLICATION NUMBER: US/09/871, 874	
CURRENT FILING DATE: 2001-09-04	
NUMBER OF SEQ ID NOS: 21	
SOFTWARE: PatentIn Ver. 2.1	
SEQ ID NO 21	
LENGTH: 441	
TYPE: PRT	
ORGANISM: Homo sapiens	
US-09-871-874-21	
Query Match	
Best Local Similarity 100.0%; Score 2326; DB 10; Length 441;	
Matches 441; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
QY	1 MAHKALVMCLGLPLFLFPGMAOGRVPPGCSQGLNPLYYMLCDRSGAMGIVLEAVAGAG 60
DB	1 MAHKALVMCLGLPLFLFPGMAOGRVPPGCSQGLNPLYYMLCDRSGAMGIVLEAVAGAG 60
QY	1 ITTFVFLIIIVASLPFVODTKRSLIGTOVFLLIGTIGLCLFACVVKRDFSTCSRR 120
DB	61 ITTFVFLIIIVASLPFVODTKRSLIGTOVFLLIGTIGLCLFACVVKRDFSTCSRR 120
QY	61 ITTFVFLIIIVASLPFVODTKRSLIGTOVFLLIGTIGLCLFACVVKRDFSTCSRR 120
DB	61 ITTFVFLIIIVASLPFVODTKRSLIGTOVFLLIGTIGLCLFACVVKRDFSTCSRR 120
QY	121 FLFGVLAICFSCIAAHVFLNPLARKNGRGNVIFVALLTLVEVITNEMILITLV 180
DB	121 FLFGVLAICFSCIAAHVFLNPLARKNGRGNVIFVALLTLVEVITNEMILITLV 180
QY	181 RGSEGGGQGSAGNAVASPCATANDFVALIYVMLLIGATLGAMPALCGRYKKRRK 240
DB	181 RGSEGGGQGSAGNAVASPCATANDFVALIYVMLLIGATLGAMPALCGRYKKRRK 240
QY	241 HGVEVLTTAVSVAVIIVVAVIYVGNKQHSPTWDDPTLAIALAANMAFVLYVYIPEV 300
DB	241 HGVEVLTTAVSVAVIIVVAVIYVGNKQHSPTWDDPTLAIALAANMAFVLYVYIPEV 300

Db 241 HGVFVLLTTATSAIVWVIMVMTYGNKOHNSPTWDDPTLAIALANANAFVLFYIPEV 300
QY 301 SOVTKSSPEQSYOGDMYPTRGVGYETILKEQKQSMFVENKAFSMDPEVAARPVSPYSG 360
Db 301 SOVTKSSPEQSYOGDMYPTRGVGYETILKEQKQSMFVENKAFSMDPEVAARPVSPYSG 360
QY 361 YNGQLTTSYQPTTEMLMHKVPSEGAAYDIIIPRATANSQVMSANSTLRAEDMYSQASHQ 420
Db 361 YNGQLTTSYQPTTEMLMHKVPSEGAAYDIIIPRATANSQVMSANSTLRAEDMYSQASHQ 420
QY 421 AATPPKDGKNSQVFRNPYWD 441
Db 421 AATPPKDGKNSQVFRNPYWD 441
RESULT 2
US-09-895-686-1
; Sequence 1, Application US/09895686
; Patent No. US20020106655A1
; GENERAL INFORMATION:
; APPLICANT: Bandman, Olga
; APPLICANT: Lal, Preeti
; APPLICANT: Tang, Y. Tom
; APPLICANT: Baughn, Mariah R.
; TITLE OF INVENTION: HUMAN GPCR PROTEINS
; FILE REFERENCE: PC-0044 CIP
; CURRENT FILING DATE: 2001-06-28
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PERL Program
; SEQ ID NO 1
; LENGTH: 441
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US20020106655A1 1258981CD1
US-09-895-686-1
Query Match 100.0%; Score 2326; DB 10; Length 441;
Best Local Similarity 100.0%; Pred. No. 3.4e-210;
Matches 441; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAHKALVNCIGLPFLFPGANAQGHVPPGCSOGLNPLYYNLCDSRGANGIVLEAVAGAG 60
Db 1 MAHKALVNCIGLPFLFPGANAQGHVPPGCSOGLNPLYYNLCDSRGANGIVLEAVAGAG 60
QY 61 YTTFFVLTIIIVASLPEFVODTKRSLGTQVFFLTGLGFCLVFACVYKPDFSTCASRR 120
Db 61 YTTFFVLTIIIVASLPEFVODTKRSLGTQVFFLTGLGFCLVFACVYKPDFSTCASRR 120
QY 121 FLEGVLFALCFSCLAHVALEFALNFKRNKNGPRGWYFTVALLITLVEVIINTEMLITLY 180
Db 121 FLEGVLFALCFSCLAHVALEFALNFKRNKNGPRGWYFTVALLITLVEVIINTEMLITLY 180
QY 181 RSGEGGPGQNSAGAAVAPCAIANMDVMALIIYMLLLGAFGAMPALCGRRKRWK 240
Db 181 RSGEGGPGQNSAGAAVAPCAIANMDVMALIIYMLLLGAFGAMPALCGRRKRWK 240
QY 241 HGVFVLLTTATSAIVWVIMVMTYGNKOHNSPTWDDPTLAIALANANAFVLFYIPEV 300
Db 241 HGVFVLLTTATSAIVWVIMVMTYGNKOHNSPTWDDPTLAIALANANAFVLFYIPEV 300
QY 301 SOVTKSSPEQSYOGDMYPTRGVGYETILKEQKQSMFVENKAFSMDPEVAARPVSPYSG 360
Db 301 SOVTKSSPEQSYOGDMYPTRGVGYETILKEQKQSMFVENKAFSMDPEVAARPVSPYSG 360
QY 361 YNGQLTTSYQPTTEMLMHKVPSEGAAYDIIIPRATANSQVMSANSTLRAEDMYSQASHQ 420
Db 361 YNGQLTTSYQPTTEMLMHKVPSEGAAYDIIIPRATANSQVMSANSTLRAEDMYSQASHQ 420
QY 421 AATPPKDGKNSQVFRNPYWD 441
Db 421 AATPPKDGKNSQVFRNPYWD 441

Db 421 AATPPKDGKNSQVFRNPYWD 441
RESULT 3
US-09-871-874-14
; Sequence 14, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinneret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Ilat
; TITLE OF INVENTION: Splice Variant of mclur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 486
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-871-874-14
Query Match 100.0%; Score 2326; DB 10; Length 486;
Best Local Similarity 100.0%; Pred. No. 3.9e-210;
Matches 441; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAHKALVNCIGLPFLFPGANAQGHVPPGCSOGLNPLYYNLCDSRGANGIVLEAVAGAG 60
Db 46 MAHKALVNCIGLPFLFPGANAQGHVPPGCSOGLNPLYYNLCDSRGANGIVLEAVAGAG 105
QY 61 YTTFFVLTIIIVASLPEFVODTKRSLGTQVFFLTGLGFCLVFACVYKPDFSTCASRR 120
Db 106 YTTFFVLTIIIVASLPEFVODTKRSLGTQVFFLTGLGFCLVFACVYKPDFSTCASRR 165
QY 121 FLEGVLFALCFSCLAHVALEFALNFKRNKNGPRGWYFTVALLITLVEVIINTEMLITLY 180
Db 166 FLEGVLFALCFSCLAHVALEFALNFKRNKNGPRGWYFTVALLITLVEVIINTEMLITLY 225
QY 181 RSGEGGPGQNSAGAAVAPCAIANMDVMALIIYMLLLGAFGAMPALCGRRKRWK 240
Db 226 RSGEGGPGQNSAGAAVAPCAIANMDVMALIIYMLLLGAFGAMPALCGRRKRWK 285
QY 241 HGVFVLLTTATSAIVWVIMVMTYGNKOHNSPTWDDPTLAIALANANAFVLFYIPEV 300
Db 286 HGVFVLLTTATSAIVWVIMVMTYGNKOHNSPTWDDPTLAIALANANAFVLFYIPEV 345
QY 301 SOVTKSSPEQSYOGDMYPTRGVGYETILKEQKQSMFVENKAFSMDPEVAARPVSPYSG 360
Db 346 SOVTKSSPEQSYOGDMYPTRGVGYETILKEQKQSMFVENKAFSMDPEVAARPVSPYSG 405
QY 361 YNGQLTTSYQPTTEMLMHKVPSEGAAYDIIIPRATANSQVMSANSTLRAEDMYSQASHQ 420
Db 406 YNGQLTTSYQPTTEMLMHKVPSEGAAYDIIIPRATANSQVMSANSTLRAEDMYSQASHQ 465
QY 421 AATPPKDGKNSQVFRNPYWD 441
Db 466 AATPPKDGKNSQVFRNPYWD 486
RESULT 4
US-09-871-874-9
; Sequence 9, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinneret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Ilat
; TITLE OF INVENTION: Splice Variant of mclur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21

SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 9
; LENGTH: 451
; TYPE: PRF
; ORGANISM: Homo sapiens
US-09-871-874-9

Query Match 97.8%; Score 2274; DB 10; Length 451;
Best Local Similarity 100.0%; Pred. No. 2.7e-205;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAHKALVMCLGPLEFPGAMAQGHVPPCCSGGLNPLYYNLCDRSGAMGIVEAVAGAG 60
DB 1 MAHKALVMCLGPLEFPGAMAQGHVPPCCSGGLNPLYYNLCDRSGAMGIVEAVAGAG 60
QY 61 IYTFVLLITLIVASLPFVODTKRSLGTQVFFLLGLGFCVFAVCVAPDFSTCASRR 120
DB 61 IYTFVLLITLIVASLPFVODTKRSLGTQVFFLLGLGFCVFAVCVAPDFSTCASRR 120
QY 121 FLFGVLFALCFSCLAHAFVFLNFKRNHGRGCVIFTVALLTLVEVIINTEMLITTV 180
DB 121 FLFGVLFALCFSCLAHAFVFLNFKRNHGRGCVIFTVALLTLVEVIINTEMLITTV 180
QY 181 RGSSEGGPOGNSAGNAVASPCAIANDFYMALIYVALLLGAFLGAMPALCGRYKRWK 240
DB 181 RGSSEGGPOGNSAGNAVASPCAIANDFYMALIYVALLLGAFLGAMPALCGRYKRWK 240
QY 241 HGAFVLLITTSVAIVVWVIMVMTYGNKQNSPTWDDPTLAILAANAMAFVLEYIPEV 300
DB 241 HGAFVLLITTSVAIVVWVIMVMTYGNKQNSPTWDDPTLAILAANAMAFVLEYIPEV 300
QY 301 SQTAKSPESQYOGDMYPTRGVGETILKQKQSMFVENKARSMDEPVAKRPVSPYSG 360
DB 301 SQTAKSPESQYOGDMYPTRGVGETILKQKQSMFVENKARSMDEPVAKRPVSPYSG 360
QY 361 YNGQLTSVYQPTMALMHRKVPSEGAVIDILPRATANSQVGSANSTLRADMYSAQSHQ 420
DB 361 YNGQLTSVYQPTMALMHRKVPSEGAVIDILPRATANSQVGSANSTLRADMYSAQSHQ 420
QY 421 AATPPKDGKNSQV 433
DB 421 AATPPKDGKNSQV 433

RESULT 5
US-09-871-874-13
; Sequence 13; Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinmeret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 13
; LENGTH: 451
; TYPE: PRF
; ORGANISM: Homo sapiens
US-09-871-874-13

Query Match 97.8%; Score 2274; DB 10; Length 451;
Best Local Similarity 100.0%; Pred. No. 2.7e-205;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAHKALVMCLGPLEFPGAMAQGHVPPCCSGGLNPLYYNLCDRSGAMGIVEAVAGAG 60
DB 1 MAHKALVMCLGPLEFPGAMAQGHVPPCCSGGLNPLYYNLCDRSGAMGIVEAVAGAG 60
QY 61 IYTFVLLITLIVASLPFVODTKRSLGTQVFFLLGLGFCVFAVCVAPDFSTCASRR 120

DB 61 IYTFVLLITLIVASLPFVODTKRSLGTQVFFLLGLGFCVFAVCVAPDFSTCASRR 120
QY 121 FLFGVLFALCFSCLAHAFVFLNFKRNHGRGCVIFTVALLTLVEVIINTEMLITTV 180
DB 121 FLFGVLFALCFSCLAHAFVFLNFKRNHGRGCVIFTVALLTLVEVIINTEMLITTV 180
QY 181 RGSSEGGPOGNSAGNAVASPCAIANDFYMALIYVALLLGAFLGAMPALCGRYKRWK 240
DB 181 RGSSEGGPOGNSAGNAVASPCAIANDFYMALIYVALLLGAFLGAMPALCGRYKRWK 240
QY 241 HGAFVLLITTSVAIVVWVIMVMTYGNKQNSPTWDDPTLAILAANAMAFVLEYIPEV 300
DB 241 HGAFVLLITTSVAIVVWVIMVMTYGNKQNSPTWDDPTLAILAANAMAFVLEYIPEV 300
QY 301 SQTAKSPESQYOGDMYPTRGVGETILKQKQSMFVENKARSMDEPVAKRPVSPYSG 360
DB 301 SQTAKSPESQYOGDMYPTRGVGETILKQKQSMFVENKARSMDEPVAKRPVSPYSG 360
QY 361 YNGQLTSVYQPTMALMHRKVPSEGAVIDILPRATANSQVGSANSTLRADMYSAQSHQ 420
DB 361 YNGQLTSVYQPTMALMHRKVPSEGAVIDILPRATANSQVGSANSTLRADMYSAQSHQ 420
QY 421 AATPPKDGKNSQV 433
DB 421 AATPPKDGKNSQV 433

RESULT 6
US-09-871-874-12
; Sequence 12; Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinmeret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 12
; LENGTH: 496
; TYPE: PRF
; ORGANISM: Homo sapiens
US-09-871-874-12

Query Match 97.8%; Score 2274; DB 10; Length 496;
Best Local Similarity 100.0%; Pred. No. 3.1e-205;
Matches 433; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAHKALVMCLGPLEFPGAMAQGHVPPCCSGGLNPLYYNLCDRSGAMGIVEAVAGAG 60
DB 46 MAHKALVMCLGPLEFPGAMAQGHVPPCCSGGLNPLYYNLCDRSGAMGIVEAVAGAG 105
QY 61 IYTFVLLITLIVASLPFVODTKRSLGTQVFFLLGLGFCVFAVCVAPDFSTCASRR 120
DB 106 IYTFVLLITLIVASLPFVODTKRSLGTQVFFLLGLGFCVFAVCVAPDFSTCASRR 165
QY 121 FLFGVLFALCFSCLAHAFVFLNFKRNHGRGCVIFTVALLTLVEVIINTEMLITTV 180
DB 166 FLFGVLFALCFSCLAHAFVFLNFKRNHGRGCVIFTVALLTLVEVIINTEMLITTV 225
QY 181 RGSSEGGPOGNSAGNAVASPCAIANDFYMALIYVALLLGAFLGAMPALCGRYKRWK 240
DB 226 RGSSEGGPOGNSAGNAVASPCAIANDFYMALIYVALLLGAFLGAMPALCGRYKRWK 285
QY 241 HGAFVLLITTSVAIVVWVIMVMTYGNKQNSPTWDDPTLAILAANAMAFVLEYIPEV 300
DB 286 HGAFVLLITTSVAIVVWVIMVMTYGNKQNSPTWDDPTLAILAANAMAFVLEYIPEV 345
QY 301 SQTAKSPESQYOGDMYPTRGVGETILKQKQSMFVENKARSMDEPVAKRPVSPYSG 360

|||||
Db 346 SOVTSSPEOSYOGDMYPTRGVGYETILKEQKQSGSFVFNKAFSMDPEVAARPVSPYSG 405
QY 361 YNGOLITSYOPTEMALMKHPSEGA YDILPRATANSOVMSANSTLAEEDMYSQSHQ 420
Db 406 YNGOLITSYOPTEMALMKHPSEGA YDILPRATANSOVMSANSTLAEEDMYSQSHQ 465
QY 421 AATPPKDGKNSOV 433
Db 466 AATPPKDGKNSOV 478

RESULT 7

US-09-871-874-19
; Sequence 19, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinmeret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
; LENGTH: 473
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-871-874-19

Query Match 96.7%; Score 2250; DB 10; Length 473;
Best Local Similarity 100.0%; Pred. No. 5.2e-203;
Matches 428; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAIHRALVWCLGLPLFLPGANAQGHVPPGCSQGLNPLYYNLCDNSGANGIYLEAVAGAG 60
Db 1 MAIHRALVWCLGLPLFLPGANAQGHVPPGCSQGLNPLYYNLCDNSGANGIYLEAVAGAG 60
QY 61 YTTTFLVLTIIIVASLPFVODTKRSLGTQVEFLGTGLFCLVACVYKPPDFSTCASRR 120
Db 61 YTTTFLVLTIIIVASLPFVODTKRSLGTQVEFLGTGLFCLVACVYKPPDFSTCASRR 120
QY 121 FLFGVLAIFCSCLAHAHFALNFLARKNHGPRGWIFETVALLLTVEVIINTEMILITLY 180
Db 121 FLFGVLAIFCSCLAHAHFALNFLARKNHGPRGWIFETVALLLTVEVIINTEMILITLY 180
QY 181 RSGGEGPGQNSAGAAVAPCAIANMDVMAIYVMLLLGAFLGAMPALCGRYKRRMK 240
Db 181 RSGGEGPGQNSAGAAVAPCAIANMDVMAIYVMLLLGAFLGAMPALCGRYKRRMK 240
QY 241 HGVFVLLTTATSVAILVWVIWVITYGNKQNSPTWDDPLAIALANAMAFVLFYVIEV 300
Db 241 HGVFVLLTTATSVAILVWVIWVITYGNKQNSPTWDDPLAIALANAMAFVLFYVIEV 300
QY 301 SOVTSSPEOSYOGDMYPTRGVGYETILKEQKQSGSFVFNKAFSMDPEVAARPVSPYSG 360
Db 301 SOVTSSPEOSYOGDMYPTRGVGYETILKEQKQSGSFVFNKAFSMDPEVAARPVSPYSG 360
QY 361 YNGOLITSYOPTEMALMKHPSEGA YDILPRATANSOVMSANSTLAEEDMYSQSHQ 420
Db 361 YNGOLITSYOPTEMALMKHPSEGA YDILPRATANSOVMSANSTLAEEDMYSQSHQ 420
QY 421 AATPPKDG 428
Db 421 AATPPKDG 428

RESULT 8
US-10-097-065-146
; Sequence 146, Application US/10097065
; Publication No. US2003005236A1

;; GENERAL INFORMATION:
;; APPLICANT: Moore, Paul A. et al.
;; TITLE OF INVENTION: 110 Human Secreted Proteins
;; FILE REFERENCE: P2021pl
;; CURRENT APPLICATION NUMBER: US/10/097,065
;; CURRENT FILING DATE: 2002-03-14
;; PRIOR APPLICATION NUMBER: PCT/US98/27059
;; PRIOR FILING DATE: 1998-12-17
;; PRIOR APPLICATION NUMBER: 60/070,923
;; PRIOR FILING DATE: 1997-12-18
;; PRIOR APPLICATION NUMBER: 60/068,007
;; PRIOR FILING DATE: 1997-12-18
;; PRIOR APPLICATION NUMBER: 60/068,057
;; PRIOR FILING DATE: 1997-12-18
;; PRIOR APPLICATION NUMBER: 60/068,006
;; PRIOR FILING DATE: 1997-12-18
;; PRIOR APPLICATION NUMBER: 60/068,369
;; PRIOR FILING DATE: 1997-12-19
;; PRIOR APPLICATION NUMBER: 60/068,367
;; PRIOR FILING DATE: 1997-12-19
;; PRIOR APPLICATION NUMBER: 60/068,368
;; PRIOR FILING DATE: 1997-12-19
;; PRIOR APPLICATION NUMBER: 60/068,169
;; PRIOR FILING DATE: 1997-12-19
;; PRIOR APPLICATION NUMBER: 60/068,053
;; PRIOR FILING DATE: 1997-12-18
;; PRIOR APPLICATION NUMBER: 60/068,064
;; PRIOR FILING DATE: 1997-12-18
;; PRIOR APPLICATION NUMBER: 60/068,054
;; PRIOR FILING DATE: 1997-12-18
;; PRIOR APPLICATION NUMBER: 60/068,008
;; PRIOR FILING DATE: 1997-12-18
;; PRIOR APPLICATION NUMBER: 60/068,365
;; PRIOR FILING DATE: 1997-12-19
;; NUMBER OF SEQ ID NOS: 672
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 146
;; LENGTH: 400
;; TYPE: PRT
;; ORGANISM: Homo sapiens
;; FEATURE:
;; NAME/KEY: SITE
;; LOCATION: (400)
;; OTHER INFORMATION: xaa equals stop translation
US-10-097-065-146

Query Match 87.1%; Score 2027; DB 9; Length 400;
Best Local Similarity 100.0%; Pred. No. 3.7e-182;
Matches 384; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAIHRALVWCLGLPLFLPGANAQGHVPPGCSQGLNPLYYNLCDNSGANGIYLEAVAGAG 60
Db 1 MAIHRALVWCLGLPLFLPGANAQGHVPPGCSQGLNPLYYNLCDNSGANGIYLEAVAGAG 60
QY 61 YTTTFLVLTIIIVASLPFVODTKRSLGTQVEFLGTGLFCLVACVYKPPDFSTCASRR 120
Db 61 YTTTFLVLTIIIVASLPFVODTKRSLGTQVEFLGTGLFCLVACVYKPPDFSTCASRR 120
QY 121 FLFGVLAIFCSCLAHAHFALNFLARKNHGPRGWIFETVALLLTVEVIINTEMILITLY 180
Db 121 FLFGVLAIFCSCLAHAHFALNFLARKNHGPRGWIFETVALLLTVEVIINTEMILITLY 180
QY 181 RSGGEGPGQNSAGAAVAPCAIANMDVMAIYVMLLLGAFLGAMPALCGRYKRRMK 240
Db 181 RSGGEGPGQNSAGAAVAPCAIANMDVMAIYVMLLLGAFLGAMPALCGRYKRRMK 240
QY 241 HGVFVLLTTATSVAILVWVIWVITYGNKQNSPTWDDPLAIALANAMAFVLFYVIEV 300
Db 241 HGVFVLLTTATSVAILVWVIWVITYGNKQNSPTWDDPLAIALANAMAFVLFYVIEV 300
QY 301 SOVTSSPEOSYOGDMYPTRGVGYETILKEQKQSGSFVFNKAFSMDPEVAARPVSPYSG 360
Db 301 SOVTSSPEOSYOGDMYPTRGVGYETILKEQKQSGSFVFNKAFSMDPEVAARPVSPYSG 360

Qy 361 YNGQLTSVYOPTMALMHKVPSE 384
Db 361 YNGQLTSVYOPTMALMHKVPSE 384

RESULT 9

US-09-871-874-11
Sequence 11, Application US/09871874

Patent No. US20020081655A1

GENERAL INFORMATION:

APPLICANT: SAVITZKY, Kineret

APPLICANT: TOPORIK, Amir

APPLICANT: MINTZ, Ilat

TITLE OF INVENTION: Splice Variant of mglur

FILE REFERENCE: 2786-0176P

CURRENT APPLICATION NUMBER: US/09/871,874

CURRENT FILING DATE: 2001-09-04

NUMBER OF SEQ ID NOS: 21

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 11

LENGTH: 401

TYPE: PRT

ORGANISM: Homo sapiens

US-09-871-874-11

Query Match 86.8%; Score 2019; DB 10; Length 401;
Best Local Similarity 97.0%; Pred. No. 2,1e-181;

Matches 387; Conservative 2; Mismatches 4; Indels 6; Gaps 2;

Qy 1 MAHKALVMCLGLPLFPFGAMAQGHVPPGCSQGLNPLYNMLCDRSGAMGIVLEAVAGAG 60

Db 1 MAHKALVMCLGLPLFPFGAMAQGHVPPGCSQGLNPLYNMLCDRSGAMGIVLEAVAGAG 60

Qy 61 IYTFVFLTIIVASLPFVODTKRSLGTQVFFLLGTGLFCVLFACVVPKDFSTCASRR 120

Db 61 IYTFVFLTIIVASLPFVODTKRSLGTQVFFLLGTGLFCVLFACVVPKDFSTCASRR 120

Qy 121 FLFGVLFALICFSCIAAHVFNLFARKNHGRGVITFVALLTLVEYIINTEMLITTLV 180

Db 121 FLFGVLFALICFSCIAAHVFNLFARKNHGRGVITFVALLTLVEYIINTEMLITTLV 180

Qy 181 RGSEGGPQGNSSAGMAVASPCALANMDFVALLIYMLLLGAFLGAMPALCGRYKRWK 240

Db 181 RGSEGGPQGNSSAGMAVASPCALANMDFVALLIYMLLLGAFLGAMPALCGRYKRWK 240

Qy 241 HGCVFLTLTATSVAIWVWVIMYTYGKQKNSPTWDDPTLAIALAANMAFVLFYVPEV 300

Db 241 HGCVFLTLTATSVAIWVWVIMYTYGKQKNSPTWDDPTLAIALAANMAFVLFYVPEV 300

Qy 301 SOVTKSSPEOSYQGDMPTRGVGYETILKEQKGSMEVFNKAFSMDPEVAAKRPVSPSG 360

Db 301 SOVTKSSPEOSYQGDMPTRGVGYETILKEQKGSMEVFNKAFSMDPEVAAKRPVSPSG 360

Qy 361 YNGQLTSVYOPTMALMHKVP-SEGAYDIIILPRATANS 398

Db 361 YNGQLTSVYOPTMALMHKVPSE-----LTORGQANT 394

RESULT 10

US-09-871-874-10
Sequence 10, Application US/09871874

Patent No. US20020081655A1

GENERAL INFORMATION:

APPLICANT: SAVITZKY, Kineret

APPLICANT: TOPORIK, Amir

APPLICANT: MINTZ, Ilat

TITLE OF INVENTION: Splice Variant of mglur

FILE REFERENCE: 2786-0176P

CURRENT APPLICATION NUMBER: US/09/871,874

CURRENT FILING DATE: 2001-09-04

NUMBER OF SEQ ID NOS: 21

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 10
LENGTH: 446
TYPE: PRT
ORGANISM: Homo sapiens
US-09-871-874-10

Query Match 86.8%; Score 2019; DB 10; Length 446;
Best Local Similarity 97.0%; Pred. No. 2,4e-181;

Matches 387; Conservative 2; Mismatches 4; Indels 6; Gaps 2;

Qy 1 MAHKALVMCLGLPLFPFGAMAQGHVPPGCSQGLNPLYNMLCDRSGAMGIVLEAVAGAG 60

Db 46 MAHKALVMCLGLPLFPFGAMAQGHVPPGCSQGLNPLYNMLCDRSGAMGIVLEAVAGAG 105

Qy 61 IYTFVFLTIIVASLPFVODTKRSLGTQVFFLLGTGLFCVLFACVVPKDFSTCASRR 120

Db 106 IYTFVFLTIIVASLPFVODTKRSLGTQVFFLLGTGLFCVLFACVVPKDFSTCASRR 165

Qy 121 FLFGVLFALICFSCIAAHVFNLFARKNHGRGVITFVALLTLVEYIINTEMLITTLV 180

Db 166 FLFGVLFALICFSCIAAHVFNLFARKNHGRGVITFVALLTLVEYIINTEMLITTLV 225

Qy 181 RGSEGGPQGNSSAGMAVASPCALANMDFVALLIYMLLLGAFLGAMPALCGRYKRWK 240

Db 226 RGSEGGPQGNSSAGMAVASPCALANMDFVALLIYMLLLGAFLGAMPALCGRYKRWK 285

Qy 241 HGCVFLTLTATSVAIWVWVIMYTYGKQKNSPTWDDPTLAIALAANMAFVLFYVPEV 300

Db 286 HGCVFLTLTATSVAIWVWVIMYTYGKQKNSPTWDDPTLAIALAANMAFVLFYVPEV 345

Qy 301 SOVTKSSPEOSYQGDMPTRGVGYETILKEQKGSMEVFNKAFSMDPEVAAKRPVSPSG 360

Db 346 SOVTKSSPEOSYQGDMPTRGVGYETILKEQKGSMEVFNKAFSMDPEVAAKRPVSPSG 405

Qy 361 YNGQLTSVYOPTMALMHKVP-SEGAYDIIILPRATANS 398

Db 406 YNGQLTSVYOPTMALMHKVPSE-----LTORGQANT 439

RESULT 11

US-09-871-874-20
Sequence 20, Application US/09871874

Patent No. US20020081655A1

GENERAL INFORMATION:

APPLICANT: SAVITZKY, Kineret

APPLICANT: TOPORIK, Amir

APPLICANT: MINTZ, Ilat

TITLE OF INVENTION: Splice Variant of mglur

FILE REFERENCE: 2786-0176P

CURRENT APPLICATION NUMBER: US/09/871,874

CURRENT FILING DATE: 2001-09-04

NUMBER OF SEQ ID NOS: 21

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 20

LENGTH: 234

TYPE: PRT

ORGANISM: Homo sapiens

US-09-871-874-20

Query Match

Best Local Similarity 43.8%; Score 1018; DB 10; Length 234;
Matches 196; Conservative 0; Mismatches 0; Indels 12; Gaps 1;

Qy 1 MAHKALVMCLGLPLFPFGAMAQGHVPPGCSQGLNPLYNMLCDRSGAMGIVLEAVAGAG 60

Db 1 MAHKALVMCLGLPLFPFGAMAQGHVPPGCSQGLNPLYNMLCDRSGAMGIVLEAVAGAG 60

Qy 61 IYTFVFLTIIVASLPFVODTKRSLGTQVFFLLGTGLFCVLFACVVPKDFSTCASRR 120

Db 61 IYTFVFLTIIVASLPFVODTKRSLGTQVFFLLGTGLFCVLFACVVPKDFSTCASRR 120

Qy 121 FLFGVLFALICFSCIAAHVFNLFARKNHGRGVITFVALLTLVEYIINTEMLITTLV 180

Db 121 FLFGVLFALICFSCIAAHVFNLFARKNHGRGVITFVALLTLVEYIINTEMLITTLV 180

Db 121 FLFGLVLAICFSCILAAHVAFALNFLLARKNHGPRGWITFVALLLTVEIINTEMLTITLV 180
QY 181 RSGSGGGPOGNSA-----GM 196
181 RSGSGGGPOGNSAPDVEGPPSLPVFGW 208

RESULT 12
US-10-097-340-121

; Sequence 121, Application US/10097340
; Publication No. US20030087250A1

GENERAL INFORMATION:

; APPLICANT: JOHN MONAHAN
; APPLICANT: Manjula GANNAVARAPU
; APPLICANT: Sebastian HOERSCH
; APPLICANT: Shubhangi KAMATKAR
; APPLICANT: Steve G. KOVATS
; APPLICANT: Rachel E. MEYERS
; APPLICANT: Michael MORRISSEY
; APPLICANT: Peter OLANDT
; APPLICANT: Aml SEN
; APPLICANT: Peter VEIBY
; APPLICANT: Gordon B. MILLS
; APPLICANT: Robert C. BAST, JR.
; APPLICANT: Karen LU
; APPLICANT: Rosemarie SCHMANDT
; APPLICANT: Xumel ZHAO
; APPLICANT: Karen GLATT
; TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
; TITLE OF INVENTION: Assessment, Prevention, and Therapy of Ovarian Cancer
; FILE REFERENCE: MRI-030
; CURRENT APPLICATION NUMBER: US/10/097,340
; PRIOR FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: 60/276,025
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/325,149
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/276,026
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/324,967
; PRIOR FILING DATE: 2001/09/26
; PRIOR APPLICATION NUMBER: 60/311,732
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/325,102
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/323,580
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 363
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 121
; LENGTH: 403
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-097-340-121

Query Match 31.5%; Score 733; DB 9; Length 403;
Best Local Similarity 39.4%; Pred. No. 1.5e-60;
Matches 164; Conservative 60; Mismatches 114; Indels 78; Gaps 9;

QY 1 MAHKALVWCIGLPLFPFG-AMAGHVPPGSGGGLNPLYYNLCDSGAMGYLEAVAGA 59
Db 9 MRAHQVLTFL--LFVITSVASSENASTSRGCGDLDPQYVSLCDLDAIMGIVEAVAGA 65
QY 60 GIATTFVLTITLIVASLPVODTKRSLGTOVEFLGTGLFCLVACVVKPDPSTCASR 119
Db 66 GALITLLMLILLVRLPFIKEKEKSPVGLHFLFLLGTGLFGLTFAFIIOEDETICSVR 125
QY 120 RFLFGLVLAICFSCILAAHVAFALNFLLARKNHGPRGWITFVALLLTVEIINTEMLTITLV 179
Db 126 RFLMGVLAICFSCILSQAAMRVRLVRHGTGPRAGMQLVGLALCLMLVQVITIAVEMLVLTIV 185
QY 180 VSGSGGGPOGNSAGMAVASPCATIANMDFVALLIYVMLLLGAFGLGAMPALCGRRKRR 239

Db 186 LRDT-----RPACAYEPMDFVALLIYDVLLVLTGLALETLOGCKRRK 230
QY 240 KHGVEVLTATATVAIVVWYVITYGN-KQHSPTMDPDTLALANANAFVLEVPYR 298
Db 231 LNCAGLITLTAFLSVLIVAMTMVLEFQVYKLOOGDAMNDPTLAILTIAAGWVFVTHAIP 290
QY 299 EV-----SQVTKSSP---EOSTYQGDMPTRGVGYETILKEQKQSGMVEYENKA 342
Db 291 EIHCTLLPALQENTPVPYFDTSQPRMRETAFEEDVQLPRA-----YMENKA 335
QY 343 FSNDEPVAA-----KRPSPYSGINGQLTSVYOPTEMALM 378
Db 336 FSNDEHNAALRTAGFPNGSLGKRPSGLCKRPSAPPR-----SNVYOPTEMAVY 384

RESULT 13
US-09-826-508-30

; Sequence 30, Application US/09826508
; Patent No. US20010025099A1

GENERAL INFORMATION:

; APPLICANT: Nabil Elshourbagy
; APPLICANT: Lisa Vawter
; TITLE OF INVENTION: G Protein-Coupled Receptor Polypeptides
; FILE REFERENCE: GP-70744USB
; CURRENT APPLICATION NUMBER: US/09/826,508
; CURRENT FILING DATE: 2001-04-05
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 30
; LENGTH: 403
; TYPE: PRT
; ORGANISM: HOMO SAPIENS
; US-09-826-508-30

Query Match 31.5%; Score 733; DB 10; Length 403;
Best Local Similarity 39.4%; Pred. No. 1.5e-60;
Matches 164; Conservative 60; Mismatches 114; Indels 78; Gaps 9;

QY 1 MAHKALVWCIGLPLFPFG-AMAGHVPPGSGGGLNPLYYNLCDSGAMGYLEAVAGA 59
Db 9 MRAHQVLTFL--LFVITSVASSENASTSRGCGDLDPQYVSLCDLDAIMGIVEAVAGA 65
QY 60 GIATTFVLTITLIVASLPVODTKRSLGTOVEFLGTGLFCLVACVVKPDPSTCASR 119
Db 66 GALITLLMLILLVRLPFIKEKEKSPVGLHFLFLLGTGLFGLTFAFIIOEDETICSVR 125
QY 120 RFLFGLVLAICFSCILAAHVAFALNFLLARKNHGPRGWITFVALLLTVEIINTEMLTITLV 179
Db 126 RFLMGVLAICFSCILSQAAMRVRLVRHGTGPRAGMQLVGLALCLMLVQVITIAVEMLVLTIV 185
QY 180 VSGSGGGPOGNSAGMAVASPCATIANMDFVALLIYVMLLLGAFGLGAMPALCGRRKRR 239
Db 186 LRDT-----RPACAYEPMDFVALLIYDVLLVLTGLALETLOGCKRRK 230
QY 240 KHGVEVLTATATVAIVVWYVITYGN-KQHSPTMDPDTLALANANAFVLEVPYR 298
Db 231 LNCAGLITLTAFLSVLIVAMTMVLEFQVYKLOOGDAMNDPTLAILTIAAGWVFVTHAIP 290
QY 299 EV-----SQVTKSSP---EOSTYQGDMPTRGVGYETILKEQKQSGMVEYENKA 342
Db 291 EIHCTLLPALQENTPVPYFDTSQPRMRETAFEEDVQLPRA-----YMENKA 335
QY 343 FSNDEPVAA-----KRPSPYSGINGQLTSVYOPTEMALM 378
Db 336 FSNDEHNAALRTAGFPNGSLGKRPSGLCKRPSAPPR-----SNVYOPTEMAVY 384

RESULT 14
US-09-895-686-5

; Sequence 5, Application US/09895686
; Patent No. US20020106655A1
; GENERAL INFORMATION:

```

? APPLICANT: Bandman, Olga
? APPLICANT: Lal, Preeti
? APPLICANT: Tang, Y. Tom
? APPLICANT: Baughn, Mariah R.
? TITLE OF INVENTION: HUMAN GPCR PROTEINS
? FILE REFERENCE: PC-0044 CIP
? CURRENT APPLICATION NUMBER: US/09/895,686
? CURRENT FILING DATE: 2001-06-28
? NUMBER OF SEQ ID NOS: 74
? SOFTWARE: PERL Program
? SEQ ID NO 5
? LENGTH: 403
? TYPE: PRT
? ORGANISM: Homo sapiens
? FEATURE:
? NAME/KEY: misc_feature
? OTHER INFORMATION: Incyte ID No. US20020106655A1
US-09-895-686-5
2705201CDD1

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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: June 21, 2003, 01:51:59 ; Search time 112 Seconds
(without alignments)
4980.759 Million cell updates/sec

Title: US-09-895-686-7

Perfect score: 1819
Sequence: 1 cggctcgagccctaccagc.....cttattacttaaaaa 1819

Scoring table: OLIGO_NTC

Gapop 60.0 , Gapept 60.0

Searched: 441362 seqs, 153338381 residues

Word size : 0

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database :

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5: /cgn2.6/prodata/1/lna/PCrUS_COMB.seq:*
6: /cgn2.6/prodata/1/lna/backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	20	1.1	2484	4	US-09-276-531-46
2	19	1.0	717	4	US-08-913-014A-10
3	18	1.0	100	1	US-08-330-163-31
4	18	1.0	100	1	US-08-482-111-31
5	18	1.0	204	1	US-08-330-163-34
6	18	1.0	207	1	US-08-482-111-34
7	18	1.0	310	1	US-08-482-111-29
8	18	1.0	313	1	US-08-482-111-57
9	18	1.0	439	1	US-08-330-163-29
10	18	1.0	439	4	US-09-275-384B-1
11	18	1.0	439	4	US-09-449-437A-7
12	18	1.0	545	4	US-08-446-935-5
13	18	1.0	591	2	US-09-156-979-1
14	18	1.0	591	4	US-09-387-341-68
15	18	1.0	645	3	US-09-188-930-273
16	18	1.0	704	2	US-08-465-095-15
17	18	1.0	1335	3	US-09-188-930-76
18	18	1.0	1335	3	US-09-188-930-261
19	18	1.0	1468	6	5187075-4
20	18	1.0	2395	4	US-08-446-935-7
21	18	1.0	5356	4	US-08-446-935-1
22	18	1.0	8355	4	US-08-406-030A-23
23	18	1.0	35081	2	US-08-752-760A-1
24	18	1.0	49272	1	US-08-614-770A-1
25	18	1.0	70000	4	US-09-851-896-3
26	17	0.9	37	1	US-08-464-531-71
27	17	0.9	37	2	US-08-461-598-71

28	17	0.9	37	3	US-08-322-137-71	Sequence 71, App1
29	17	0.9	37	3	US-08-936-632B-27	Sequence 27, App1
30	17	0.9	37	4	US-08-582-333A-79	Sequence 79, App1
31	17	0.9	255	2	US-08-673-190A-8	Sequence 8, App1
32	17	0.9	300	4	US-09-135-994-3	Sequence 3, App1
33	17	0.9	386	1	US-08-620-467A-9	Sequence 9, App1
34	17	0.9	386	1	US-08-348-572-9	Sequence 9, App1
35	17	0.9	386	3	US-09-041-090B-9	Sequence 9, App1
36	17	0.9	526	3	US-08-777-708C-4	Sequence 4, App1
37	17	0.9	594	4	US-09-615-192A-105	Sequence 105, App
38	17	0.9	607	2	US-08-975-316-23	Sequence 23, App1
39	17	0.9	607	4	US-09-615-192A-23	Sequence 23, App1
40	17	0.9	1516	3	US-08-307-896-2	Sequence 2, App1
41	17	0.9	1516	3	US-09-344-914-1	Sequence 2, App1
42	17	0.9	1558	5	PCT-US95-11808-2	Sequence 2, App1
43	17	0.9	1632	2	US-08-892-715-1	Sequence 1, App1
44	17	0.9	1632	2	US-09-145-947-1	Sequence 1, App1
45	17	0.9	1632	4	US-09-265-642-1	Sequence 1, App1

ALIGNMENTS

RESULT 1
US-09-276-531-46
Sequence 46, Application US/09276531
Patent No. 6183968
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Lal, Preeti
APPLICANT: Hillman, Jennifer L.
APPLICANT: Yue, Henry
APPLICANT: Reddy, Roopa
APPLICANT: Guebler, Karl J.
APPLICANT: Baughn, Mariah R.
TITLE OF INVENTION: COMPOSITION FOR THE DETECTION OF GENES ENCODING
NUMBER OF SEQUENCES: 134
CORRESPONDENCE ADDRESS:
ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
STREET: 3174 PORTER DRIVE
CITY: PALO ALTO
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Word Perfect 6.1 for Windows/MS-DOS 6.2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/276,531
FILING DATE: Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/079,677
FILING DATE: March 27, 1998
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Lynn E. Murry, Ph.D.
REGISTRATION NUMBER: 42,918
REFERENCE/DOCKET NUMBER: PA-0008 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 855-0555
TELEFAX: (650) 845-4166
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 2484 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: SYNORAT05

CLONE: 1262948
US-09-276-531-46

Query Match 1.1%; Score 20; DB 4; Length 2484;
Best Local Similarity 100.0%; Pred. No. 5;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 364 CTGGGACCCCTGGCCTCTT 383
|||||
DB 38 CTGGGACCCCTGGCCTCTT 57

RESULT 2
US-08-913-014A-10
; Sequence 10, Application US/08913014A
; Patent No. 6235878
; GENERAL INFORMATION:
; APPLICANT: NISHI, Kazunori
; APPLICANT: HIKICHI, Yukiko
; APPLICANT: SHINTANI, Yasushi
; TITLE OF INVENTION: NOVEL FAS LIGAND-LIKE PROTEIN, ITS
; TITLE OF INVENTION: PRODUCTION AND USE
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David G. Conlin, Esq.
; ADDRESS: DIKE, BRONSTEIN, ROBERTS & USHMAN, LLP
; STREET: 130 Water Street
; CITY: Boston,
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/913,014A
; FILING DATE: 04-SEP-1997
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP97/02480
; FILING DATE: July 17, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: David G. Conlin
; REGISTRATION NUMBER: 27,026
; REFERENCE/DOCKET NUMBER: 342/47694
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-523-3400
; TELEFAX: 617-523-6440
; TELEX:
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 717
; TYPE: Nucleic acid
; STRANDEDNESS: Double
; TOPOLOGY: Linear
; MOLECULE TYPE: CDNA
US-08-913-014A-10

Query Match 1.0%; Score 19; DB 4; Length 717;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 731 TGCTGCTGCTGGGTGC 749
|||||
DB 122 TGCTGCTGCTGGGTGC 140

RESULT 3
US-08-330-163-31
; Sequence 31, Application US/08330163
; Patent No. 5656724

; GENERAL INFORMATION:
; APPLICANT: Daly, Thomas J.
; APPLICANT: Larosa, Gregory J.
; TITLE OF INVENTION: Chemokine-Like Proteins and Methods of
; TITLE OF INVENTION: Use
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/330,163
; FILING DATE: 05-AUG-1994
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Fasse, J. Peter
; REGISTRATION NUMBER: 32,983
; REFERENCE/DOCKET NUMBER: 00231/080001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
; TELEFAX: (617) 542-8906
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 100 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-330-163-31

Query Match 1.0%; Score 18; DB 1; Length 100;
Best Local Similarity 100.0%; Pred. No. 46;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 101 TGGTGATGTGCTGGGAC 118
|||||
DB 57 TGGTGATGTGCTGGGAC 74

RESULT 4
US-08-482-111-31
; Sequence 31, Application US/08482111
; Patent No. 5789539
; GENERAL INFORMATION:
; APPLICANT: Daly, Thomas J.
; APPLICANT: Larosa, Gregory J.
; TITLE OF INVENTION: Chemokine-Like Proteins and Methods of
; TITLE OF INVENTION: Use
; NUMBER OF SEQUENCES: 70
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,111
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:
NAME: Fasse, J. Peter
REGISTRATION NUMBER: 32,983
REFERENCE/DOCKET NUMBER: 00231/083001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 100 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-482-111-31

Query Match 1.0%; Score 18; DB 1; Length 100;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 101 TGGTGATGTCCTGGGAC 118
|||||
DB 57 TGGTGATGTCCTGGGAC 74

RESULT 5
US-08-330-163-34/C
Sequence 34, Application US/0830163
Patent No. 5656724
GENERAL INFORMATION:
APPLICANT: Daly, Thomas J.
APPLICANT: Larosa, Gregory J.
TITLE OF INVENTION: Chemokine-like Proteins and Methods of
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: PatentIn Release #1.0, Version #1.30B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/330,163
FILING DATE: 05-AUG-1994
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Fasse, J. Peter
REGISTRATION NUMBER: 32,983
REFERENCE/DOCKET NUMBER: 00231/080001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 204 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-330-163-34

Query Match 1.0%; Score 18; DB 1; Length 204;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 101 TGGTGATGTCCTGGGAC 118
|||||

DB 70 TGGTGATGTCCTGGGAC 53

RESULT 6
US-08-482-111-34/C
Sequence 34, Application US/08482111
Patent No. 5789539
GENERAL INFORMATION:
APPLICANT: Daly, Thomas J.
APPLICANT: Larosa, Gregory J.
TITLE OF INVENTION: Chemokine-like Proteins and Methods of
NUMBER OF SEQUENCES: 70
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: PatentIn Release #1.0, Version #1.30B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,111
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Fasse, J. Peter
REGISTRATION NUMBER: 32,983
REFERENCE/DOCKET NUMBER: 00231/083001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 207 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-482-111-34

Query Match 1.0%; Score 18; DB 1; Length 207;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 101 TGGTGATGTCCTGGGAC 118
|||||
DB 70 TGGTGATGTCCTGGGAC 53

RESULT 7
US-08-482-111-29/C
Sequence 29, Application US/08482111
Patent No. 5789539
GENERAL INFORMATION:
APPLICANT: Daly, Thomas J.
APPLICANT: Larosa, Gregory J.
TITLE OF INVENTION: Chemokine-like Proteins and Methods of
NUMBER OF SEQUENCES: 70
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,111
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Fasse, J. Peter
REGISTRATION NUMBER: 32,983
REFERENCE/DOCKET NUMBER: 00231/083001
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 310 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-482-111-29

Query Match 1.0%; Score 18; DB 1; Length 310;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 101 TGGTGATGTGCTGGGAC 118
|||||
DB 176 TGGTGATGTGCTGGGAC 159

RESULT 8
US-08-482-111-57/C
Sequence 57, Application US/08482111
Patent No. 5789539
GENERAL INFORMATION:
APPLICANT: Daly, Thomas J.
APPLICANT: Larosa, Gregory J.
TITLE OF INVENTION: Chemokine-Like Proteins and Methods of
TITLE OF INVENTION: Use
NUMBER OF SEQUENCES: 70
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,111
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Fasse, J. Peter
REGISTRATION NUMBER: 32,983
REFERENCE/DOCKET NUMBER: 00231/083001
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 313 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-482-111-57

Query Match 1.0%; Score 18; DB 1; Length 313;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 101 TGGTGATGTGCTGGGAC 118
|||||
DB 176 TGGTGATGTGCTGGGAC 159

RESULT 9
US-08-330-163-29/C
Sequence 29, Application US/08330163
Patent No. 5656724
GENERAL INFORMATION:
APPLICANT: Daly, Thomas J.
APPLICANT: Larosa, Gregory J.
TITLE OF INVENTION: Chemokine-Like Proteins and Methods of
TITLE OF INVENTION: Use
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: U.S.A.
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/330,163
FILING DATE: 05-AUG-1994
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Fasse, J. Peter
REGISTRATION NUMBER: 32,983
REFERENCE/DOCKET NUMBER: 00231/080001
TELEPHONE: (617) 542-5070
TELEFAX: (617) 542-8906
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 439 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-330-163-29

Query Match 1.0%; Score 18; DB 1; Length 439;
Best Local Similarity 100.0%; Pred. No. 45;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 101 TGGTGATGTGCTGGGAC 118
|||||
DB 176 TGGTGATGTGCTGGGAC 159

RESULT 10
US-09-275-384B-1/C
Sequence 1, Application US/09275384B
Patent No. 6232084
GENERAL INFORMATION:
APPLICANT: MACPHEE, COLIN HOUSTON
APPLICANT: MOORES, KITTY
TITLE OF INVENTION: NEW USE
FILE REFERENCE: GH-31106
CURRENT APPLICATION NUMBER: US/09/275,384B
CURRENT FILING DATE: 1999-03-24
PRIOR APPLICATION NUMBER: 9806677.2

PRIOR FILING DATE: 1998-03-27
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1
LENGTH: 439
TYPE: DNA
ORGANISM: HOMO SAPIENS
US-09-275-384B-1

Query Match
Best Local Similarity 100.0%; Score 18; DB 4; Length 439;
Pred. No. 45;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 101 TGCTGATGTCCTGGGAC 118
Db 176 TGCTGATGTCCTGGGAC 159

RESULT 11
US-09-449-437A-7/C

Sequence 7, Application US/09449437A
Patent No. 6319675
GENERAL INFORMATION:
APPLICANT: Briskin, Michael J.
APPLICANT: Murphy, Kristine E.
APPLICANT: Wilbanks, Alyson M.
APPLICANT: Wu, Lijun
TITLE OF INVENTION: No. 6319675el Antibodies and ligands for "Bonzo"
FILE REFERENCE: 1855.1070-000
CURRENT APPLICATION NUMBER: US/09/449,437A
CURRENT FILING DATE: 2001-01-09
SOFTWARE OF SEQ ID NOS: 18
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 7
LENGTH: 439
TYPE: DNA
ORGANISM: Homo sapiens
US-09-449-437A-7

Query Match
Best Local Similarity 100.0%; Score 18; DB 4; Length 439;
Pred. No. 45;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 101 TGCTGATGTCCTGGGAC 118
Db 176 TGCTGATGTCCTGGGAC 159

RESULT 12

US-08-446-935-5
Sequence 5, Application US/08446935
Patent No. 6187991
GENERAL INFORMATION:
APPLICANT: Soeller, Walter C.
APPLICANT: Carley, Maynard D.
APPLICANT: Kreutter, David K.
TITLE OF INVENTION: TRANSGENIC ANIMAL MODELS FOR TYPE II
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pfizer Inc.
STREET: 235 East 42nd Street, 20th Floor
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10017-5755
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/446,935
FILING DATE:
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Sheyka, Robert F.
REGISTRATION NUMBER: 31,304
REFERENCE/DOCKET NUMBER: PC8153
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)573-1189
TELEFAX: (212)573-1939
TELEX: N/A
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 545 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-446-935-5

Query Match
Best Local Similarity 100.0%; Score 18; DB 4; Length 545;
Pred. No. 44;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1096 GAGACACAGCCCTTTCC 1113
Db 421 GAGACACAGCCCTTTCC 438

RESULT 13

US-09-156-979-1
Sequence 1, Application US/09156979
Patent No. 5962672
GENERAL INFORMATION:
APPLICANT: Cowsett, Lex M.
TITLE OF INVENTION: ANTISENSE MODULATION OF RHOB EXPRESSION
FILE REFERENCE: RTS-0013
CURRENT APPLICATION NUMBER: US/09/156,979
CURRENT FILING DATE: 1998-09-18
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 1
LENGTH: 591
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (1)..(591)
US-09-156-979-1

Query Match
Best Local Similarity 100.0%; Score 18; DB 2; Length 591;
Pred. No. 44;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 284 CCATCATCTGTGGCCA 301
Db 332 CCATCATCTGTGGCCA 349

RESULT 14

US-09-387-341-68
Sequence 68, Application US/09387341
Patent No. 6410323
GENERAL INFORMATION:
APPLICANT: Roberts, M. Luisa
APPLICANT: Cowsett, Lex M.
TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
FILE REFERENCE: ISPH-0404
CURRENT APPLICATION NUMBER: US/09/387,341
CURRENT FILING DATE: 1999-08-31
EARLIER APPLICATION NUMBER: 09/156,424
EARLIER FILING DATE: 1998-09-18
EARLIER APPLICATION NUMBER: 09/156,979

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; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/156,807
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/161,015
; EARLIER FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 233
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 68
; LENGTH: 591
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic
US-09-387-341-68

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Query Match          1.0%; Score 18; DB 4; Length 591;
Best Local Similarity 100.0%; Pred NO. 44;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      284 CCATCATCCTGCTGCGCA 301
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Db      332 CCATCATCCTGCTGCGCA 349

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RESULT 15
US-09-188-930-273
; Sequence 273, Application US/09188930A
; Patent No. 6150502
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Onrust, Rene
; APPLICANT: Murlison, James Greg
; TITLE OF INVENTION: Compositions Isolated From Skin Cells
; TITLE OF INVENTION: and Methods For Their Use
; FILE REFERENCE: 11000.1011c1
; CURRENT APPLICATION NUMBER: US/09/188,930A
; CURRENT FILING DATE: 1998-11-09
; NUMBER OF SEQ ID NOS: 348
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 273
; LENGTH: 645
; TYPE: DNA
; ORGANISM: Mouse
US-09-188-930-273

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Query Match          1.0%; Score 18; DB 3; Length 645;
Best Local Similarity 100.0%; Pred NO. 44;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1536 CCTCCCTCTGCGCAGTG 1553
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Db      68 CCTCCCTCTGCGCAGTG 85

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Search completed: June 21, 2003, 02:51:26
 Job time : 113 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2003 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: June 21, 2003, 02:10:21 ; Search time 267 Seconds
(without alignments)
9997.191 Million cell updates/sec

Title: US-09-895-686-7

Perfect score: 1819
Sequence: 1 cggctcagccctcaccagc.....cttattactcttaaaaa 1819

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 1042519 seqs, 733713590 residues

Word size: 0

Total number of hits satisfying chosen parameters: 2085038

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database:

Published Applications_NA:*

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- 2: /cgn2_6/ptodata/2/pubpna/PC7_NEW_PUB.seq:*
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- 14: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	1782	98.0	1880	10	US-10-037-270-897 Sequence 897, App 1
3	1707	93.8	2314	10	US-09-871-874-4 Sequence 4, Appl 1
4	1564	86.0	1860	9	US-10-087-065-22 Sequence 12, Appl 1
5	1439	79.1	2089	10	US-09-812-102-19 Sequence 19, Appl 1
6	1370	75.3	1955	10	US-09-871-874-3 Sequence 3, Appl 1
7	1304	71.7	1532	10	US-09-871-874-7 Sequence 7, Appl 1
8	1279	70.3	2041	10	US-09-871-874-1 Sequence 1, Appl 1
9	1218	67.0	1805	10	US-09-871-874-2 Sequence 2, Appl 1
10	679	37.3	1034	9	US-10-087-065-123 Sequence 123, App 1
11	601	33.0	815	10	US-09-871-874-8 Sequence 8, Appl 1
12	518	28.5	1370	10	US-09-871-874-5 Sequence 5, Appl 1
13	512	28.1	1070	10	US-09-871-874-6 Sequence 6, Appl 1
14	469	25.8	516	10	US-09-895-686-14 Sequence 14, Appl 1
15	268	14.7	268	9	US-09-895-686-15 Sequence 15, Appl 1
16	259	14.2	466	9	US-09-918-995-35150 Sequence 15150, A
17	254	14.0	631	10	US-09-895-686-19 Sequence 19, Appl 1
18	251	13.8	302	9	US-10-102-524-1512 Sequence 1512, App 1
19	247	13.6	508	9	US-09-918-995-17363 Sequence 17363, A

20	246	13.5	246	10	US-09-895-686-16 Sequence 16, Appl 1
21	164	9.0	300	10	US-09-895-686-17 Sequence 17, Appl 1
22	151	8.3	333	10	US-09-964-824-411 Sequence 411, App 1
23	119	6.5	410	9	US-09-918-995-2323 Sequence 2323, App 1
24	79	4.3	458	10	US-09-812-102-18 Sequence 18, Appl 1
25	78	4.3	232	10	US-09-895-686-13 Sequence 13, Appl 1
26	56	3.1	615	10	US-09-895-686-53 Sequence 53, Appl 1
27	44	2.4	467	10	US-09-895-686-18 Sequence 18, Appl 1
28	30	1.6	686	10	US-09-895-686-54 Sequence 54, Appl 1
29	28	1.5	160	10	US-09-783-590-6681 Sequence 6681, App 1
30	21	1.2	727	10	US-09-895-686-63 Sequence 63, App 1
31	21	1.2	1320	9	US-09-738-626-2506 Sequence 2506, App 1
32	21	1.2	3309400	9	US-09-738-626-1 Sequence 1, Appl 1
33	20	1.1	421	10	US-10-040-739-123 Sequence 123, App 1
34	20	1.1	473	10	US-09-864-761-6247 Sequence 6247, App 1
35	20	1.1	499	10	US-09-895-686-67 Sequence 67, Appl 1
36	20	1.1	561	10	US-09-895-686-66 Sequence 66, Appl 1
37	20	1.1	948	9	US-09-804-291-194 Sequence 194, App 1
38	20	1.1	948	10	US-09-886-055-194 Sequence 194, App 1
39	20	1.1	1212	10	US-09-826-508-29 Sequence 29, Appl 1
40	20	1.1	1515	10	US-09-895-686-11 Sequence 11, Appl 1
41	20	1.1	2870	9	US-10-097-340-120 Sequence 120, App 1
42	20	1.1	3852	9	US-09-826-508-31 Sequence 31, Appl 1
43	19	1.0	425	9	US-10-178-213-325 Sequence 325, App 1
44	19	1.0	477	10	US-09-812-102-81 Sequence 81, Appl 1
45	19	1.0	577	9	US-10-125-540-264 Sequence 264, App 1

ALIGNMENTS

RESULT 1
US-09-895-686-7
Sequence 7, Application US/09895686
Patent No. US20020106655A1
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Lal, Preeti
APPLICANT: Baugh, Y. Tom
APPLICANT: Mariah R.
TITLE OR INVENTION: HUMAN GPCR PROTEINS
FILE REFERENCE: PC-0044 CIP
CURRENT APPLICATION NUMBER: US/09/895, 686
CURRENT FILING DATE: 2001-06-28
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PERL Program
SEQ ID NO 7
LENGTH: 1819
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
OTHER INFORMATION: Incyte ID No. US20020106655A1 1258981CB1
US-09-895-686-7

Query Match 100.0%; Score 1819; DB 10; Length 1819;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1819; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 CGGCTCAGCCCTCACCAGCGAAGATAGAGTGGCTGAGCGAGGAGCCACCA 60
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Db 1 CGGCTCAGCCCTCACCAGCGAAGATAGAGTGGCTGAGCGAGGAGCCACCA 60
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QY 61 GAGCCTGGCTGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 120
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Db 61 GAGCCTGGCTGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 120
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QY 121 CTTCT 180
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Db 121 CTTCT 180
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QY 181 GGCCTCAACCCCTGTCTCAACCTGTCTCAACCTGTCTCAACCTGTCTCAAC 240
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Db 181 GGCCTCAACCCCTGTACTACAACCTGTGTGAACCCCTGTGGGGCGTGGGGCATCTGTCTG 240
QY 241 GAGGCGGTGTGGGGCGGGGCAATGTGCACACAGTTTGTGTCAACATCATCTCCGTGGGCG 300
Db 241 GAGGCGGTGTGGGGCGGGGCAATGTGCACACAGTTTGTGTCAACATCATCTCCGTGGGCG 300
QY 301 AACCTTCCCTTTGTGAGAGACACCAAGAAAGAGAGCTCTGGGAGCCAGGTATTTCTTC 360
Db 301 AACCTTCCCTTTGTGAGAGACACCAAGAAAGAGAGCTCTGGGAGCCAGGTATTTCTTC 360
QY 361 CTTTGGGGAGCCCTGGGGCTCTTCTCCCGCTGTGGTGGTGGTGGTGGTGGTGGTGGTGG 420
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QY 661 GAGAGGTGGGGCGGTGGCTCTCCCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 720
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QY 781 CGCTACAGCGCTGGCGTAAGCATGGGGTCTTTGTGCTCTCTCAACACAGCCACTCTCTG 840
Db 781 CGCTACAGCGCTGGCGTAAGCATGGGGTCTTTGTGCTCTCTCAACACAGCCACTCTCTG 840
QY 841 GGCATATGGGT 900
Db 841 GGCATATGGGT 900
QY 901 ACCCTGGATGACCCCGCTGGCATCGCCCTGCGCGCAATGTGCTGGCTTCTGCTCTC 960
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Db 1441 GGGAGGGGCTGTAGGAGCTGGGCGCGGGGCAAGGAGTCTCCAGGCTCTCTCCCTGG 1500
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QY 1561 GGGTGTATGAGGTGTCCCAACCCACTCTCAGTGTGTGTGAGAGTGAAGAGCCACCCA 1620
Db 1561 GGGTGTATGAGGTGTCCCAACCCACTCTCAGTGTGTGTGAGAGTGAAGAGCCACCCA 1620
QY 1621 GCTCTCTGCGAGATCACTGCGGGGTCACTCCAGCCAAATAGTCTCTGCGGGTGT 1680
Db 1621 GCTCTCTGCGAGATCACTGCGGGGTCACTCCAGCCAAATAGTCTCTGCGGGTGT 1680
QY 1681 GGTGGGAGCGCGCTATGTTCTCTGAGATTCCTGCAACCTCAAGAGACTTCCAGGGG 1740
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QY 1741 CTCAGGCTGTGATCTTGTCTGTGTGAGAGAACAGGGTCTTAATTAATTAATTTCTGC 1800
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QY 1801 TTTATTAACCTTAATAAAA 1819
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RESULT 2
US-10-037-270-897
Sequence 897, Application US/10037270
Publication No. US20030104529A1
GENERAL INFORMATION:
APPLICANT: Tang, Y. Tom
APPLICANT: Liu, Chenghua
APPLICANT: Asundi, Vinod
APPLICANT: Zhang, Jie
APPLICANT: Ren, Feiyan
APPLICANT: Chen, Rui-hong
APPLICANT: Zhao, Qing A.
APPLICANT: Wehrman, Tom
APPLICANT: Xue, Aildong J.
APPLICANT: Yang, Yonghong
APPLICANT: Wang, Jian-Rui
APPLICANT: Zhou, Jiping
APPLICANT: Ma, Yungling
APPLICANT: Wang, Dunrui
APPLICANT: Wang, Zhilwei
APPLICANT: Tillinphast, John
APPLICANT: Drmanac, Radote T.
TITLE OF INVENTION: No. US20030104529A1el Nucleic Acids and
FILE OF INVENTION: Polypeptides
FILE REFERENCE: 784CIP2B
CURRENT APPLICATION NUMBER: US/10/037, 270
CURRENT FILING DATE: 2002-01-04
PRIOR APPLICATION NUMBER: 09/552, 317
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: 09/488, 725
PRIOR FILING DATE: 2000-01-21
NUMBER OF SEQ ID NOS: 1104
SOFTWARE: pl_FL_genes Version 1.0
SEQ ID NO 897
LENGTH: 1880

TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (138)..(1463)
US-10-037-270-897

Query Match 98.0%; Score 1782; DB 9; Length 1880;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1782; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 143 CATCCCAAAAGCCTTGATGATGCTGCTGGAGCTGCTCTTCTCTTCTCCAGGGCCCTG 202
QY 147 GGGCCAGGGCCATGTCCTCCAGCCGCTGACAGCCAGGCTCAACCCCTGACTACAACT 206
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QY 207 GTGTGACCGCTCTGGGGCGTGGGGCGATCGTCTGAGGCGCTGGCTGGGGCGGCAATTG 266
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QY 627 CAGTGGCGAGGGGGCGCTCAGGGCAAGACAGAGGCTGGGCGCTGGCCCTCCCTG 686
DB 683 CAGTGGCGAGGGGGCGCTCAGGGCAAGACAGAGGCTGGGCGCTGGCCCTCCCTG 742
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DB 1523 GGCAGAGGACTCTCAGGCTCTCTCCCTGGAGGCCAGCCCAACATGTGCCAGAT 1582
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DB 1583 GTGGAGGCGCTCCCTCTGCGCAGTGTGGTGGTGTGTCAGTGGTGTCCCACT 1642
QY 1587 CCTCAGTGTGTTGTGAGTGTGAGAGCAACCCAGGCTCTCTGACAGATCACTCGGCG 1646
DB 1643 CCTCAGTGTGTTGTGAGTGTGAGAGCAACCCAGGCTCTCTGACAGATCACTCGGCG 1702
QY 1647 TCACACTCCAGCCAAATAGTGTCTGCGGGTGTGGCTGGGCAAGCCCTATGTTCTG 1706
DB 1703 TCACACTCCAGCCAAATAGTGTCTGCGGGTGTGGCTGGGCAAGCCCTATGTTCTG 1762
QY 1707 GAGATTCGCAACCTCAAGAGACTTCCGAGGCGCTCAGGCGTGGATCTTGTGCTGT 1766
DB 1763 GAGATTCGCAACCTCAAGAGACTTCCGAGGCGCTCAGGCGTGGATCTTGTGCTGT 1822
QY 1767 GAGCAACAAAGGCTGCTTAATTAATACATTTCTTTATTA 1808
DB 1823 GAGCAACAAAGGCTGCTTAATTAATACATTTCTTTATTA 1864

RESULT 3
US-09-871-874-4
; Sequence 4, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kimberet
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Ilat
; TITLE OF INVENTION: Splice Variant of mgiur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871, 874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1

PRIOR FILING DATE: 1997-12-18
PRIOR APPLICATION NUMBER: 60/068,057
PRIOR FILING DATE: 1997-12-18
PRIOR APPLICATION NUMBER: 60/068,006
PRIOR FILING DATE: 1997-12-18
PRIOR APPLICATION NUMBER: 60/068,369
PRIOR FILING DATE: 1997-12-19
PRIOR APPLICATION NUMBER: 60/068,367
PRIOR FILING DATE: 1997-12-19
PRIOR APPLICATION NUMBER: 60/068,368
PRIOR FILING DATE: 1997-12-19
PRIOR APPLICATION NUMBER: 60/068,169
PRIOR FILING DATE: 1997-12-19
PRIOR APPLICATION NUMBER: 60/068,053
PRIOR FILING DATE: 1997-12-18
PRIOR APPLICATION NUMBER: 60/068,064
PRIOR FILING DATE: 1997-12-18
PRIOR APPLICATION NUMBER: 60/068,054
PRIOR FILING DATE: 1997-12-18
PRIOR APPLICATION NUMBER: 60/068,008
PRIOR FILING DATE: 1997-12-18
PRIOR APPLICATION NUMBER: 60/068,365
PRIOR FILING DATE: 1997-12-19
SOFTWARE: Patentlin Ver. 2.0
NUMBER OF SEQ ID NOS: 672
SEQ ID NO 22
LENGTH: 1860
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SITE
LOCATION: (1846)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: SITE
LOCATION: (1848)
OTHER INFORMATION: n equals a,t,g, or c
NAME/KEY: SITE
LOCATION: (1853)
OTHER INFORMATION: n equals a,t,g, or c
US-10-097-065-22

Query Match 86.0%; Score 1564; DB 9; Length 1860;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 1784; Conservative 0; Mismatches 2; Indels 1; Gaps 1;

22 GGAATAGACAGTGGCTGCTGAGGAGGACCAACAGAGCTGGCTGGAGGAGG 81
11 GGAAGTACAGTGGCTGCTGAGGAGGACCAACAGAGCTGGCTGGAGGAGG 70
82 ATGGCATCCACAAGGCTGGTGTGATGCTGGGAGCTGCTCTTCTGTTCCAGGG 141
71 ATGGCATCCACAAGGCTGGTGTGATGCTGGGAGCTGCTCTTCTGTTCCAGGG 130
142 GCCTGGGAGGAGGCTGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 201
131 GCCTGGGAGGAGGCTGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 190
202 AACCTGTGACAGGCTGTGGGGGCTGGGGGATGCTGTGAGGAGGAGGAGGAGG 261
191 AACCTGTGACAGGCTGTGGGGGCTGGGGGATGCTGTGAGGAGGAGGAGGAGG 250
262 ATGTGACACAGTGTGTGCTGACATCATCTGTGAGGAGGAGGAGGAGGAGGAGG 321
251 ATGTGACACAGTGTGTGCTGACATCATCTGTGAGGAGGAGGAGGAGGAGGAGG 310
322 ACCAAGAAACGAGAGCTGTGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 381
311 ACCAAGAAACGAGAGCTGTGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 370
382 TTCTGCTGCTGTTGCTGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 441
371 TTCTGCTGCTGTTGCTGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 430

442 TTCTGCTGCTGTTGCTGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 501
431 TTCTGCTGCTGTTGCTGTGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 490
502 CTCACCTCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 561
491 CTCACCTCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 550
562 CTCGCTGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 621
551 CTCGCTGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 610
622 CGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 681
611 CGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 670
682 CCCTGTGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 741
671 CCCTGTGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 730
742 CTGGGTGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 801
731 CTGGGTGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 790
802 CATGGAGGCTGTTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 861
791 CATGGAGTCTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 850
862 GTCATGTATCTTACGAGCAACAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAG 921
851 GTCATGTATCTTACGAGCAACAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAG 910
922 GCCATGCGCTGCG 981
911 GCCATGCGCTGCG 970
982 TCCAGAGTACCAAGTCCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAG 1041
971 TCCAGAGTACCAAGTCCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAG 1030
1042 GCGGTGGGCTATGAGACATCTGTAAGAGCAGAGGAGGAGGAGGAGGAGGAGGAG 1101
1031 GCGGTGGGCTATGAGACATCTGTAAGAGCAGAGGAGGAGGAGGAGGAGGAGGAG 1090
1102 AAGGCTTTTCCATGATGAGAGCGGCTGAGCAGTAAAGAGGCGGCTGATACATACAGG 1161
1091 AAGGCTTTTCCATGATGAGAGCGGCTGAGCAGTAAAGAGGCGGCTGATACATACAGG 1150
1162 TACATGAGGAGCTGTGACAGTGTGTACAGGCGCACTGATGAGTGTGATGACAAA 1221
1151 TACATGAGGAGCTGTGACAGTGTGTGTACAGGCGCACTGATGAGTGTGATGACAAA 1210
1222 GTTCGTCGAGAGGCTTACAGATCATCTGCGACGAGGAGGAGGAGGAGGAGGAGG 1281
1211 GTTCGTCGAGAGGCTTACAGATCATCTGCGACGAGGAGGAGGAGGAGGAGGAGG 1269
1282 ATGGGAGTGGCAATGAGACCTGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1341
1270 ATGGGAGTGGCAATGAGACCTGCGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1329
1342 GCGGCGACACGCGCGAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1401
1330 GCGGCGACACGCGCGAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1389
1402 GACTGAGTCAAGCGTGTGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1461
1390 GACTGAGTCAAGCGTGTGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1449
1462 CCCGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1521
1450 CCCGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1509
1522 CAGATGTGAAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 1581

Db 1510 CAATATGGAAGGCGCTCCCTCTCTCCAGTGTGGGTGGGTGATGATGCTCCAC 1569
QY 1582 CCACCTCCTGAGTGTGTGGAGTGCAGAGGACCAACCCGACCTCTGCCAGATCACTC 1641
Db 1570 CCACCTCCTGAGTGTGTGGAGTGCAGAGGACCAACCCGACCTCTGCCAGATCACTC 1629
QY 1642 GCGGCTCAGACTCCAGCAAAATAGTGTCTCGGGGTGGGTGGGTGGGTGGGTGGGT 1701
Db 1630 GCGGCTCAGACTCCAGCAAAATAGTGTCTCGGGGTGGGTGGGTGGGTGGGTGGGT 1689
QY 1702 CTTGTGAGATTCCTGCAACCTCAAGACTTCCAGGCGCTGAGGCTGGATTTCTCTCC 1761
Db 1690 CTTGTGAGATTCCTGCAACCTCAAGACTTCCAGGCGCTGAGGCTGGATTTCTCTCC 1749
QY 1762 TCTGTGAGGAAAGGAGTGCCTAATATATATATATATATATATATATATATAT 1808
Db 1750 TCTGTGAGGAAAGGAGTGCCTAATATATATATATATATATATATATATATAT 1796

RESULT 5
US-09-812-102-19/c
; Sequence 19, Application us/09812102
; Patent No. US20020055179A1
; GENERAL INFORMATION:
; APPLICANT: Robison, Keith E
; TITLE OF INVENTION: No. US20020055179A1e1 G-Protein Coupled Receptor Homologs
; FILE REFERENCE: 5800-41 035800/183478
; CURRENT APPLICATION NUMBER: US/09/812,102
; PRIORITY FILING DATE: 2001-03-19
; PRIOR APPLICATION NUMBER: Prior APPLICATION NUMBER: US/09/364,769
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 2089
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: gPCR-METABOTROPIC
; NAME/KEY: misc feature
; LOCATION: (1)-(2089)
; OTHER INFORMATION: n = a, t, c, or g
US-09-812-102-19

Query Match 79.1%; Score 1439; DB 10; Length 2089;
Best Local Similarity 99.8%; Pred. No. 0;
Matches 1799; Conservative 0; Mismatches 0; Indels 3; Gaps 3;
QY 10 CCTTACCAAGCCGGAAGTACAGTGGCTCAGCTGAGAGGACCAACCAAGAGCTGGC 69
Db 1820 CCTTACCAAGCCGGAAGTACAGTGGCTCAGCTGAGAGGACCAACCAAGAGCTGGC 1761
QY 70 CTGGGAGCAAGTATGAGTCCACCAAGGCTGTGATGTGCTGGAGCTGCTCTCTTC 129
Db 1760 CTGGGAGCAAGTATGAGTCCACCAAGGCTGTGATGTGCTGGAGCTGCTCTCTTC 1701
QY 130 CTGTTCACAGGGGCTGGGCGCAGGGCCATGTCCACCGGCTGCAAGGAGCTCAAC 189
Db 1700 CTGTTCACAGGGGCTGGGCGCAGGGCCATGTCCACCGGCTGCAAGGAGCTCAAC 1641
QY 190 CCCCTTACTACAACTGTGTGACCGCTCTGGGGCTGGGGCATCTCTCTGAGGCGGTG 249
Db 1640 CCCCTTACTACAACTGTGTGACCGCTCTGGGGCTGGGGCATCTCTCTGAGGCGGTG 1581
QY 250 GCTGGGGCGGGGCTTGTACACAGTGTGTGCTACACATCTCTGTGGGACACCTCC 309
Db 1580 GCTGGGGCGGGGCTTGTACACAGTGTGTGCTACACATCTCTGTGGGACACCTCC 1521
QY 310 TTGTGTACAGACACCAAGAAAGAGCTGCTGGGAGCCAGGATATCTCTTCTGGGG 369
Db 1520 TTGTGTACAGACACCAAGAAAGAGCTGCTGGGAGCCAGGATATCTCTTCTGGGG 1461

QY 370 ACCGTGGGCTCTTCTGCTCTGTGTTGCCGTGTGTGTGAAGCCGACCTTCTCCACTGT 429
Db 1460 ACCGTGGGCTCTTCTGCTCTGTGTTGCCGTGTGTGTGAAGCCGACCTTCTCCACTGT 1401
QY 430 GCGTCTGGGCGCTCTCTTGGGGTGTGTTGCCATCGCTTCTGTCTGGGGGCT 489
Db 1400 GCGTCTGGGCGCTCTCTTGGGGTGTGTTGCCATCGCTTCTGTCTGGGGGCT 1341
QY 490 CACGTCTTGGCCCTCAACTCTCTGCGCCGGAAGAACAGAGGCGCGGGGCTGGGTATC 549
Db 1340 CACGTCTTGGCCCTCAACTCTCTGCGCCGGAAGAACAGAGGCGCGGGGCTGGGTATC 1281
QY 550 TTCAGTGGCTCTCTCTGCTGACCTGTGTAGAGTATCATATACAGAGTGGTATC 609
Db 1280 TTCAGTGGCTCTCTCTGCTGACCTGTGTAGAGTATCATATACAGAGTGGTATC 1221
QY 610 ATCAGCCTGTTGGGGGAGTGGGCGAGGGGCGGCTCAGGGCAAGAGAGCGGAGCTGG 669
Db 1220 ATCAGCCTGTTGGGGGAGTGGGCGAGGGGCGGCTCAGGGCAAGAGAGCGGAGCTGG 1161
QY 670 GCGGTGGCTCCCTCTGTGCTATCGCCAAATGAGACTTGTCTATGACATCTACGTC 729
Db 1160 GCGGTGGCTCCCTCTGTGCTATCGCCAAATGAGACTTGTCTATGACATCTACGTC 1101
QY 730 ATGCTGCTGCTGCTGCTGCTCTCTGAGGGGCTGCGCGGCTGTGTGGCGCTCAAG 789
Db 1100 ATGCTGCTGCTGCTGCTGCTCTCTGAGGGGCTGCGCGGCTGTGTGGCGCTCAAG 1041
QY 790 CGCTGGCGTAAGATGGGGCTTGTGTGCTCTACACAGCCAGC-TCGGTGCATATG 848
Db 1040 CGCTGGCGTAAGATGGGGCTTGTGTGCTCTACACAGCCAGC-TCGGTGCATATG 961
QY 849 GGTGTGTGATGCTAT 908
Db 980 GGTGTGTGATGCTAT 921
QY 909 TGACCCAGAGTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 968
Db 920 TGACCCAGAGTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 861
QY 969 CATCCCGAGAGTGTCCAGGTGACCAAGTCCAGCCAGAGCAAGTATACAGGGGAGAT 1028
Db 860 CATCCCGAGAGTGTCCAGGTGACCAAGTCCAGCCAGAGCAAGTATACAGGGGAGAT 801
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Db 800 GTACCCAGAGTGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 741
QY 1088 TGTGTGTGAGAAAGAGGCTTTCATGATGATGAGCGGTGTGAGCTAGAGGCGGTGT 1147
Db 740 TGTGTGTGAGAAAGAGGCTTTCATGATGATGAGCGGTGTGAGCTAGAGGCGGTGT 681
QY 1148 CACCATACAGCGGGTCAATGAGGAGCTGTGACAGAGTGTACAGGCCATGAGATGG 1207
Db 680 CACCATACAGCGGGTCAATGAGGAGCTGTGACAGAGTGTGTACAGGCCATGAGATGG 621
QY 1208 CCTGTATGACAAAGTTCGTCGAAAGAGAGCTTACACATCTCTCCAGGGGACCG 1267
Db 620 CCTGTATGACAAAGTTCGTCGAAAGAGAGCTTACACATCTCTCCAGGGGACCG 561
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Db 560 CCAAGAGCAAGTGTGAGTGGGAGTCCAGCTCCAGCTGCGGGGTGAAAGATATCTGG 501
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Db 500 CCCAGAGCCAGCAGGCGGGGACACCGCGGAAGAGAGGCAAGAACTCTAGAGCTTTAG 441
QY 1387 AACCCCTAGTGTGAGTGTAGTCAAGCGGTGGGAGAGAGGCGGTGCGATTTGGGAGG 1446
Db 440 AACCCCTAGTGTGAGTGTAGTCAAGCGGTGGGAGAGAGGCGGTGCGATTTGGGAGG 381
QY 1447 GCGCTGAGGACCTGGCGCGGGGCAAGGAGCTTCCAGGCTCTCTCTCCCTGGGAGGCC 1506

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Db 380 GCCCTGAGGACCTGGCCCCGGGCGCAAGGACTCCAGGCTCCTCCGCCCTGGAGGCC 321
QY 1507 CAGCAACATGTGCCCCAGATGTGGAAGGCGCTCCCTCTCTGCGCAGTGTGGTGGGT 1366
Db 320 CAGCAACATGTGCCCCAGATGTGGAAGGCGCTCCCTCTCTGCGCAGTGTGGTGGGT 261
QY 1567 CAGGAGTGTGCCCCAGCAGCTCCTCAGTGTGTGTGAGTGTGAGAGGCAACCCAGCCTCC 1626
Db 260 CAGGAGTGTGCCCCAGCAGCTCCTCAGTGTGTGTGAGTGTGAGAGGCAACCCAGCCTCC 201
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Db 200 TGCCAGGATCACCTCGCGGCTCAGCTCCAGCCAAATAGTGTCTCGGGGTGTGGCTGG 141
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QY 1747 CCTGATCTTGTCTCTCTGTGAGAGCAAGGCTGCTAATAATACATTTCTGCTTATT 1806
Db 80 CCTGATCTTGTCTCTCTGTGAGAGCAAGGCTGCTAATAATACATTTCTGCTTATT 21
QY 1807 AA 1808
Db 20 AA 19
RESULT 6
US-09-871-874-3
; Sequence 3, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kineret
; APPLICANT: TOPORK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mslur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 1955
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-871-874-3
Query Match 75.3%; Score 1370; DB 10; Length 1955;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 1370; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 10 CCTTCACAGCCGGAAGTACGAGTGGCTCAGCTGAGGAGCCACAGAGCCTGGC 69
Db 513 CCTTCACAGCCGGAAGTACGAGTGGCTCAGCTGAGGAGCCACAGAGCCTGGC 572
QY 70 CTGGAGCCAGATGGGCTCCAGAAAGCTTGTGTATGTCCTGGAGCTGCTCTTC 129
Db 573 CTGGAGCCAGATGGGCTCCAGAAAGCTTGTGTATGTCCTGGAGCTGCTCTTC 632
QY 130 CTGTCCAGAGGGCTGGGCGCAGGGCCATGCCAGCCGCTGACAGCCAAAGCCTTCAC 189
Db 633 CTGTCCAGAGGGCTGGGCGCAGGGCCATGCCAGCCGCTGACAGCCAAAGCCTTCAC 692
QY 190 CCCCCTACTACAACTGTGTGACCGCTCTGGGGCGTGGGCAATCGTCTGAGGCCGTG 249
Db 693 CCCCCTACTACAACTGTGTGACCGCTCTGGGGCGTGGGCAATCGTCTGAGGCCGTG 752
QY 250 GCTGGGGCGGGCTGTGACACAGCTTGTGCTACACATCATCTGGGGCGACAGCTGCC 309
Db 753 GCTGGGGCGGGCTGTGACACAGCTTGTGCTACACATCATCTGGGGCGACAGCTGCC 812
QY 310 TTGTGACAGACACCAAGAACGAGCTGTGGGAGCCAGGATTTCTTCTTCTGGGG 369

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Db 813 TTGTGAGAGACACCAAGAACGAGAGCTCTGGGAGCCAGATATCTTCTTGGGG 872
QY 370 ACCCTGGGCTCTTCTGCTCTGTTGGCTGTGTGTGAAGCCGACTTCCACCTGT 429
Db 873 ACCCTGGGCTCTTCTGCTCTGTTGGCTGTGTGTGAAGCCGACTTCCACCTGT 932
QY 430 GCGTCTGGGGCTTCCCTTGTGGGGTCTGTGGCATCTGCTTCTTCTTGGGGCT 489
Db 933 GCGTCTGGGGCTTCCCTTGTGGGGTCTGTGGCATCTGCTTCTTCTTGGGGCT 992
QY 490 CAGTCTTCCCTCAACTTCTGCGCCGGAAGAACACAGGCGCCGCGGCTGGGTATC 549
Db 993 CAGTCTTCCCTCAACTTCTGCGCCGGAAGAACACAGGCGCCGCGGCTGGGTATC 1052
QY 550 TTCAGTGTGCTCTGCTGTAACCTGTGAGAGTATCATATACAGAGTGGCTATC 609
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QY 610 ATCAGCCTGGTTGGGGCAGTGGGAGGGGCGCCCTCAGGGCAACAGCAGGAGCTGG 669
Db 1113 ATCAGCCTGGTTGGGGCAGTGGGAGGGGCGCCCTCAGGGCAACAGCAGGAGCTGG 1172
QY 670 GCCGTGGCTCCCTCTGTGCAATCGCCAGATGAGACTTGTGATGAGCACTATCTAGTC 729
Db 1173 GCCGTGGCTCCCTCTGTGCAATCGCCAGATGAGACTTGTGATGAGCACTATCTAGTC 1232
QY 730 ATGCTGCTGCTGCTGGGTGCTTCTGAGGGGCGTGGCGCCCTGTGTGGCGCTACAG 789
Db 1233 ATGCTGCTGCTGCTGGGTGCTTCTGAGGGGCGTGGCGCCCTGTGTGGCGCTACAG 1292
QY 790 CGGTGGGCTAAGCATGGGGCTTGTGCTCTCTCCACAGCAGCAGCTCGTGGCATATGG 849
Db 1293 CGGTGGGCTAAGCATGGGGCTTGTGCTCTCTCCACAGCAGCAGCTCGTGGCATATGG 1352
QY 850 GTGGTGTGATCGTATGTAATCTACAGCAACAGCAGCAACAGTCCACCTGGAT 909
Db 1353 GTGGTGTGATCGTATGTAATCTACAGCAACAGCAGCAACAGTCCACCTGGAT 1412
QY 910 GACCCACGCTGGCATCGCCCTCGCCCAATGCTGGGGCTTCTGCTTCTTACGTC 969
Db 1413 GACCCACGCTGGCATCGCCCTCGCCCAATGCTGGGGCTTCTGCTTCTTACGTC 1472
QY 970 ATCCCGAGGTCTCCAGGTGACCAAGTCCAGCCAGAGCAAGACTACAGGGGAGCATG 1029
Db 1473 ATCCCGAGGTCTCCAGGTGACCAAGTCCAGCCAGAGCAAGACTACAGGGGAGCATG 1532
QY 1030 TACCCACCGGGGCGTGGCTATGAGACCATCTGAAAGAGCAGAAAGGTACAGCATG 1089
Db 1533 TACCCACCGGGGCGTGGCTATGAGACCATCTGAAAGAGCAGAAAGGTACAGCATG 1592
QY 1090 TTGCTGAGAAACAAGGCTTTTCCATGTGATGAGCGCGTGTGAGTAAAGGCGGTGCA 1149
Db 1593 TTGCTGAGAAACAAGGCTTTTCCATGTGATGAGCGCGTGTGAGTAAAGGCGGTGCA 1652
QY 1150 CCATACAGCGGTACATGGGAGCTGCTGACAGTGTATACAGCCAGCTAGATGGCC 1209
Db 1653 CCATACAGCGGTACATGGGAGCTGCTGACAGTGTATACAGCCAGCTAGATGGCC 1712
QY 1210 CTGATGCAAAAGTCCGTCCGAAGAGCTTACAGATCATCTCCACAGGGCCACCGCC 1269
Db 1713 CTGATGCAAAAGTCCGTCCGAAGAGCTTACAGATCATCTCCACAGGGCCACCGCC 1772
QY 1270 AACAGCAGGTGATGGCATGTCCACTGACAGCTGCGGGCTGAAGACATGTACTGGCC 1339
Db 1773 AACAGCAGGTGATGGCATGTCCACTGACAGCTGCGGGCTGAAGACATGTACTGGCC 1832
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Db 1833 CAGAGCCACAGAGGGGCGCACACCGCCGAAAGAGAGGCAAGACCTCAGGT 1882
RESULT 7

US-09-871-874-7
; Sequence 7, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinmeret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 1532
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-871-874-7

Query Match 71.7%; Score 1304; DB 10; Length 1532;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 1354; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 CCTCACACCGGAAAGTACGAGTGGCTCAGCTGAGAGGACCCACAGAGCTGGCC
DB 41 CCTCACACCGGAAAGTACGAGTGGCTCAGCTGAGAGGACCCACAGAGCTGGCC 100
QY 71 TGGAGACCGAGATGGCCATCCACAAAGCTTGATGTGCTGGGAGCTGCCCTTCC
DB 101 TGGAGACCGAGATGGCCATCCACAAAGCTTGATGTGCTGGGAGCTGCCCTTCC 160
QY 131 TGTTCACAGGGGCTGGGCCAGGGCCATGTCACACCGGCTGACAGCCAGGCTTCAC
DB 161 TGTTCACAGGGGCTGGGCCAGGGCCATGTCACACCGGCTGACAGCCAGGCTTCAC 220
QY 191 CCTGTACTACAACTGTGTGACCGCTCTGGGGGCGTGGGGCATCGTCTGAGAGCCGTG
DB 221 CCTGTACTACAACTGTGTGACCGCTCTGGGGGCGTGGGGCATCGTCTGAGAGCCGTG 280
QY 251 CTGGGGGCGGATTTGACACAGCTTTGTGCTACATCATCTGAGGGGACGCTCCCT
DB 281 CTGGGGGCGGATTTGACACAGCTTTGTGCTACATCATCTGAGGGGACGCTCCCT 340
QY 311 TTGTGACAGACACCAAGAAAGAGAGCTGCTGGGGACCCAGGATTTCTTCTGGGGA
DB 341 TTGTGACAGACACCAAGAAAGAGAGCTGCTGGGGACCCAGGATTTCTTCTGGGGA 400
QY 371 CCTGGGCTCTTTCGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG
DB 401 CCTGGGCTCTTTCGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 460
QY 431 CCTTCGCGGCTCTTTCGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG
DB 461 CCTTCGCGGCTCTTTCGCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 520
QY 491 AGCTCTTTCGCTCAACTTCTGCGCCCGGAGAACACAGGGGCGGCTGGTGTACT
DB 521 AGCTCTTTCGCTCAACTTCTGCGCCCGGAGAACACAGGGGCGGCTGGTGTACT 580
QY 551 TCACTGTGGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG
DB 581 TCACTGTGGCTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 640
QY 611 TCACCTGTGGTGGGAGAGTGGGAGGGGCGCTCAGAGGACCAAGACAGAGGCTGGG
DB 641 TCACCTGTGGTGGGAGAGTGGGAGGGGCGCTCAGAGGACCAAGACAGAGGCTGGG 700
QY 671 CCGTGGCTCTCCCTGTGCTCATGCGCAACATGAGTGTGTCTATGAGCACTCATCTAGTCA
DB 701 CCGTGGCTCTCCCTGTGCTCATGCGCAACATGAGTGTGTCTATGAGCACTCATCTAGTCA 760
QY 731 TGCCTCTGTCTGTGGTGTCTTCTGCGGGGCTGGGCGGCGCTGTGTGTGGCCCTACAGC 790

DB 761 TGCCTCTGTCTGTGGTGTCTTCTGCGGGGCTGGGCGGCGCTGTGTGTGGCCCTACAGC 820
QY 791 GCGTGGCTAGAGATGGGGCTTTTGTGCTCTTACACACAGGACCTCCGTTGCATATGGG 850
DB 821 GCGTGGCTAGAGATGGGGCTTTTGTGCTCTTACACACAGGACCTCCGTTGCATATGGG 880
QY 851 TGTGTGATGCTCATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 910
DB 881 TGTGTGATGCTCATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 940
QY 911 ACCCACGCTGGCCATGCGCTTCGCGCCGCAATGCTGGGCTTCTGCTCTTCTACGTCA 970
DB 941 ACCCACGCTGGCCATGCGCTTCGCGCCGCAATGCTGGGCTTCTGCTCTTCTACGTCA 1000
QY 971 TCCCGAGGTCTCCAGGTGACCAAGTCCAGGCCAGAGCAAGTACAGGGGGACATGT 1030
DB 1001 TCCCGAGGTCTCCAGGTGACCAAGTCCAGGCCAGAGCAAGTACAGGGGGACATGT 1060
QY 1031 ACCCACCGGGGCGTGGGCTATGAGACCATCTCTGAAGAGCAAGAGGCTCAGAGCATGT 1090
DB 1061 ACCCACCGGGGCGTGGGCTATGAGACCATCTCTGAAGAGCAAGAGGCTCAGAGCATGT 1120
QY 1091 TGTGTGAGAAACAAGGCTTTTCCATGATGATGATGATGATGATGATGATGATGATG 1150
DB 1121 TGTGTGAGAAACAAGGCTTTTCCATGATGATGATGATGATGATGATGATGATGATG 1180
QY 1151 CATACAGCGGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1210
DB 1181 CATACAGCGGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1240
QY 1241 TGTATGACAAAGTTCCGTCGGAAGAGCTTACGACATCATCTCCACAGGGGACCGGCA 1300
QY 1271 ACAGCGAGGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1330
DB 1301 ACAGCGAGGTGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1360
QY 1331 AGAGCCACAGGCGGCGCACACCGCGGAAAGAGCGC 1365
DB 1361 AGAGCCACAGGCGGCGCACACCGCGGAAAGAGCGC 1395

RESULT 8
US-09-871-874-1
; Sequence 1, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinmeret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Liat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 2041
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-871-874-1

Query Match 70.3%; Score 1279; DB 10; Length 2041;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 1339; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 50 GACCCCAACAGAGCTGCGCTGGAGCGCAGATGAGCATTCACAAAGCTTGTGTGTGT 109
DB 639 GACCCCAACAGAGCTGCGCTGGAGCGCAGATGAGCATTCACAAAGCTTGTGTGTGT 698
QY 110 GCCTGGAGTGCCTCTTCTTCTGTTCCAGAGGGCTGGGCGGCGGCTGATGCTCCACCG 169

Db	699	GCCTGGGACACTGCTCTCTTCTCTGTTTCCACAGGAGGCTTGGGCCACAGGCCATGTCCACACC	758
QY	170	GCTGACGCCAAGGCGCTCAACCCCTCTACTACAACCTGTGTGACCGCGCTGGGGCGTGG	229
Db	759	GCTTCACACCAAGGCGCTCAACCCCTCTACTACAACCTGTGTGACCGCGCTGGGGCGTGG	818
QY	230	GCATCGTCTGTGAGAGCGCGTGGCTTGGGGCGGGCAATTGTACACACGTTTGTGTCAACATCA	289
Db	819	GCATCGTCTGTGAGAGCGCGTGGCTTGGGGCGGGCAATTGTACACACGTTTGTGTCAACATCA	878
QY	290	TCCGTGGTGGCAGGCTCTCCCTTTTGTGAGAGACCAAGAAACGAGCTGTGGGGACCC	349
Db	879	TCCGTGGTGGCAGGCTCTCCCTTTTGTGAGAGACCAAGAAACGAGCTGTGGGGACCC	938
QY	350	AGGATTTCTTCTCTGTGGGACCCCTGGCGCTCTTCTCTGCTCGTGTGTTGGCCGTGTGTGA	409
Db	939	AGGATTTCTTCTCTGTGGGACCCCTGGCGCTCTTCTCTGCTCGTGTGTTGGCCGTGTGTGA	998
QY	410	AGCCCCACTTCTCCACTGTGTGCTCTGTGGCGCTTCTCTTTGGGGTCTGTGGCCATCT	469
Db	999	AGCCCCACTTCTCCACTGTGTGCTCTGTGGCGCTTCTCTTTGGGGTCTGTGGCCATCT	1058
QY	470	GCTTCCTGTGCTGGCGGCTACGCTCTTGGGCCCACTTCGTGCGCCGGAGAAACACAG	529
Db	1059	GCTTCCTGTGCTGGCGGCTACGCTCTTGGGCCCACTTCGTGCGCCGGAGAAACACAG	1118
QY	530	GGCCCCGGGGCTGGGTGATCTTCACTGTGTGCTGTGCTGTACACCTGTAGAGGTCACTA	589
Db	1119	GGCCCCGGGGCTGGGTGATCTTCACTGTGTGCTGTGCTGTACACCTGTAGAGGTCACTA	1178
QY	590	TCAATTACAGATGGCTGATCATCAACCTGGTTGGGGCAATGGCGAGGGCGGCTTCAGG	649
Db	1179	TCAATTACAGATGGCTGATCATCAACCTGGTTGGGGCAATGGCGAGGGCGGCTTCAGG	1238
QY	650	GCAACACAGAGGCGAGGGCTGGGGCGGTGGCCCTCCCTGGCATGGCAACAATGGACTTTG	709
Db	1239	GCAACACAGAGGCGAGGGCTGGGGCGGTGGCCCTCCCTGGCATGGCAACAATGGACTTTG	1298
QY	710	TCATGGCACTCATCTACGTGATGCTGTGCTGTGCTGTGCTTCTGGGGCGTGGCGCG	769
Db	1299	TCATGGCACTCATCTACGTGATGCTGTGCTGTGCTGTGCTTCTGGGGCGTGGCGCG	1358
QY	770	CCCTGTGTGGCGCTTACAGCGCTGGCGTAAAGCATGGGGTCTTTGTGCTCTCAACACAG	829
Db	1359	CCCTGTGTGGCGCTTACAGCGCTGGCGTAAAGCATGGGGTCTTTGTGCTCTCAACACAG	1418
QY	830	CCACTCCGTTGGCATATTTGGGTGTGGTGTGATTCGATATGTACTTACGGCAACAAGACG	889
Db	1419	CCACTCCGTTGGCATATTTGGGTGTGGTGTGATTCGATATGTACTTACGGCAACAAGACG	1478
QY	890	ACAACAGTCCCACTGGGATGACCCCAACGCTGGCGATCGCCCTGGCGCAATCTCTGGG	949
Db	1479	ACAACAGTCCCACTGGGATGACCCCAACGCTGGCGATCGCCCTGGCGCAATCTCTGGG	1538
QY	950	CCTTGTCTCTTCTTACGTCATCCCGAGGTCTCCAGGTGACCAAGTCCAGCCAGAGC	1009
Db	1539	CCTTGTCTCTTCTTACGTCATCCCGAGGTCTCCAGGTGACCAAGTCCAGCCAGAGC	1598
QY	1010	AAACCTACCAAGGGAGACATGTACCCCAACCCGGGGCGTGGCTATGAGAACCTCTGAAAG	1069
Db	1599	AAACCTACCAAGGGAGACATGTACCCCAACCCGGGGCGTGGCTATGAGAACCTCTGAAAG	1658
QY	1070	AGCAGAAGGGCTCAGACATGTCTGTGAGAAACAAGGCTTTTCCATGATGAGCGGGTGG	1129
Db	1659	AGCAGAAGGGCTCAGACATGTCTGTGAGAAACAAGGCTTTTCCATGATGAGCGGGTGG	1718
QY	1130	CAGCTAAGAGGCGCGGTGTCACATACACAGCGGGTACAAATGGGCACTGCTGACCAAGTGT	1189
Db	1719	CAGCTAAGAGGCGCGGTGTCACATACACAGCGGGTACAAATGGGCACTGCTGACCAAGTGT	1778
QY	1190	ACCAAGCCCACTGAATATGGCCCTGTATGCAACAAGTTCCTCGTCCGAGAGGACTTACACATCA	1249
Db	1779	ACCAAGCCCACTGAATATGGCCCTGTATGCAACAAGTTCCTCGTCCGAGAGGACTTACACATCA	1838

QY	1250	TCCTCCACAGGGCCACCGCCACACAGCCAGAGTGAATGGGCAAGTGGCAACTCGACCCCTGGGG	1309
Db	1839	TCCTCCACAGGGCCACCGCCACACAGCCAGAGTGAATGGGCAAGTGGCAACTCGACCCCTGGGG	1898
QY	1310	CTGAAGACATGACTCGGGCCAGAGGACACAGCGGCCACACCGCCGAAGAAGACGGCAAGA	1369
Db	1899	CTGAAGACATGACTCGGGCCAGAGGACACAGCGGCCACACCGCCGAAGAAGACGGCAAGA	1958
QY	1370	ACTCTCAGGT 1379	
Db	1959	ACTCTCAGGT 1968	
RESULT 9			
US-09-871-874-2			
; Sequence 2, Application US/09871874			
; Patent No. US20020081655A1			
; GENERAL INFORMATION:			
; APPLICANT: SAVITZKY, Kinneret			
; APPLICANT: TOPORIK, Amir			
; APPLICANT: MINTZ, Liat			
; TITLE OF INVENTION: Splice Variant of mGUR			
; FILE REFERENCE: 2786-0176P			
; CURRENT APPLICATION NUMBER: US/09/871,874			
; CURRENT FILING DATE: 2001-09-04			
; NUMBER OF SEQ ID NOS: 21			
; SOFTWARE: PatentIn Ver. 2.1			
; SEQ ID NO 2			
; LENGTH: 1805			
; TYPE: DNA			
; ORGANISM: Homo sapiens			
US-09-871-874-2			
Query Match			
Best Local Similarity 67.0%; Score 1218; DB 10; Length 1805;			
Matches 1218; Conservative 0; Mismatches 0; Indels 0; Gaps 0;			
QY	10	CCCTACCAAGCCGGGAAAGTACGAGTGGGCTCAAGCTGGAGAGGACCCACAGAGCTGGC	69
Db	513	CCCTACCAAGCCGGGAAAGTACGAGTGGGCTCAAGCTGGAGAGGACCCACAGAGCTGGC	572
QY	70	CTGGAGCCAGAGTGGGATCCACAAAGGCTTGATGTCCTGGAGACTGCTCTTC	129
Db	573	CTGGAGCCAGAGTGGGATCCACAAAGGCTTGATGTCCTGGAGACTGCTCTTC	632
QY	130	CTGTTCCAGGGGCGTGGGCCAGGGCCATGTCACCCGGCTGACAGCCAGGCTTCAC	189
Db	633	CTGTTCCAGGGGCGTGGGCCAGGGCCATGTCACCCGGCTGACAGCCAGGCTTCAC	692
QY	190	CCCCGTACTAACCTGTGTGACCGCTGTGGGGCGTGGGGCATTCGCTCGGAGGCGCTG	249
Db	693	CCCCGTACTAACCTGTGTGACCGCTGTGGGGCGTGGGGCATTCGCTCGGAGGCGCTG	752
QY	250	GCTGGGGGGGCGATGTGCACAGTTTGTGTCACCATCATCCTGTGTGGCCAGCTCCC	309
Db	753	GCTGGGGGGGCGATGTGTGCACAGTTTGTGTCACCATCATCCTGTGTGGCCAGCTCCC	812
QY	310	TTTGTGACAGACCAAGAAAGGAGCTGTCTGGGACCCAGATTTCTTCTTCTGGGG	369
Db	813	TTTGTGACAGACCAAGAAAGGAGCTGTCTGGGACCCAGATTTCTTCTTCTGGGG	872
QY	370	ACCGTGGGCTCTTGCGCTGCTGGTTTGCTGTGTGGTGAAGGCGGACTCTCACCTGT	429
Db	873	ACCGTGGGCTCTTGCGCTGCTGGTTTGCTGTGTGGTGAAGGCGGACTCTCACCTGT	932
QY	430	GCGCTTCGGCGCTTCCTCTTTGGGGTCTGTTGCCATCTGCTTCTTCTTGGGCGCT	489
Db	933	GCGCTTCGGCGCTTCCTCTTTGGGGTCTGTTGCCATCTGCTTCTTCTTGGGCGCT	992
QY	490	CACGTCCTTGGCCCTCAACTCTCTGCGCCGGAGAACACAGGGGCCCGGGGCTGGGTATC	549
Db	993	CACGTCCTTGGCCCTCAACTCTCTGCGCCGGAGAACACAGGGGCCCGGGGCTGGGTATC	1052

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1  RESULT 9
2  US-09-871-874-2
3  ; Sequence 2, Application us/09871874
4  ; Patent No. US20020081655A1
5  ;
6  ; GENERAL INFORMATION:
7  ;
8  ; APPLICANT: SAVITZKY, Kinnetet
9  ; APPLICANT: TOPORIK, Amir
10 ; APPLICANT: MINTZ, Iiat
11 ; TITLE OF INVENTION: Splice Variant of mGluR
12 ; FILE REFERENCE: 2786-0176P
13 ; CURRENT APPLICATION NUMBER: US/09/871,874
14 ; CURRENT FILING DATE: 2001-09-04
15 ; NUMBER OF SEQ ID NOS: 21
16 ; SOFTWARE: PatentIn Ver. 2.1
17 ;
18 ; SEQ ID NO 2
19 ; LENGTH: 1805
20 ;
21 ; TYPE: DNA
22 ; ORGANISM: Homo sapiens
23
24 US-09-871-874-2

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QY 550 TTCACGTGGCTCTGCTGACCTGTAGAGTCAATCATATACAGAGTGGCTGATC 609
| | | | |
Db 1093 TTCACGTGGCTCTGCTGACCTGTAGAGTCAATCATATACAGAGTGGCTGATC 1112
QY 610 ATACCCCTGGTTCGGGGCAGTGGCGAGGGCGGCTTCAGGGCAACAGCCAGGCTGG 669
| | | | |
Db 1113 ATACCCCTGGTTCGGGGCAGTGGCGAGGGCGGCTTCAGGGCAACAGCCAGGCTGG 1172
QY 670 GCGGTGGGCTCCCGCTGGTGGCAATGGCAATGGCAATGGCAATGGCAATGGCAATGG 729
| | | | |
Db 1173 GCGGTGGGCTCCCGCTGGTGGCAATGGCAATGGCAATGGCAATGGCAATGGCAATGG 1232
QY 730 ATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 789
| | | | |
Db 1233 ATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1292
QY 790 CGCTGGCGTAAAGCAATGGGGTCTTTTGTCTCTACACCAAGCCACTCCGTTCCATPAG 849
| | | | |
Db 1293 CGCTGGCGTAAAGCAATGGGGTCTTTTGTCTCTACACCAAGCCACTCCGTTCCATPAG 1352
QY 850 GTGTGTGGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 909
| | | | |
Db 1353 GTGTGTGGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1412
QY 910 GACCCCAAGCTGGCCATGCGCCCTCGCCCAATGGCTGGGCTGCTGCTGCTGCTGCTGCT 969
| | | | |
Db 1413 GACCCCAAGCTGGCCATGCGCCCTCGCCCAATGGCTGGGCTGCTGCTGCTGCTGCTGCT 1472
QY 970 ATCCCGGAGTCTCCAGTGTACCAAGTCCAGCCCAAGCAAGTACCAAGGAGCAATG 1029
| | | | |
Db 1473 ATCCCGGAGTCTCCAGTGTACCAAGTCCAGCCCAAGCAAGTACCAAGGAGCAATG 1532
QY 1030 TACCCCAAGCTGGGGTGGTGTAGACATCTGAAAGCAAGAGGAGTACAGATG 1089
| | | | |
Db 1533 TACCCCAAGCTGGGGTGGTGTAGACATCTGAAAGCAAGAGGAGTACAGATG 1592
QY 1090 TTCTGGAGAACAGAGCTTTTCCATGATGAGCCGGTTGACGTAAGAGCCGGTGTCA 1149
| | | | |
Db 1593 TTCTGGAGAACAGAGCTTTTCCATGATGAGCCGGTTGACGTAAGAGCCGGTGTCA 1652
QY 1150 CCATACAGGGGTACATGGGAGCGTGCAGCATGTGTACCAAGCCCAATGAGTGGCC 1209
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Db 1653 CCATACAGGGGTACATGGGAGCGTGCAGCATGTGTACCAAGCCCAATGAGTGGCC 1712
QY 1210 CTGATGCAAAAGTTCCG 1227
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Db 1713 CTGATGCAAAAGTTCCG 1730

RESULT 10
US-10-097-065-123
; Sequence 123, Application US/10097065
; Publication No. US2003005236A1
; GENERAL INFORMATION:
; APPLICANT: Moore, Paul A. et al.
; TITLE OF INVENTION: 110 Human Secreted Proteins
; FILE REFERENCE: P2021P1
; CURRENT APPLICATION NUMBER: US/10/097,065
; PRIOR FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: PCT/US98/27059
; PRIOR FILING DATE: 1998-12-17
; PRIOR APPLICATION NUMBER: 60/070,923
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,007
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,057
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,006
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,369
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,367

QY PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,368
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,169
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,053
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,064
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,054
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,008
; PRIOR FILING DATE: 1997-12-18
; PRIOR APPLICATION NUMBER: 60/068,365
; PRIOR FILING DATE: 1997-12-19
; NUMBER OF SEQ ID NOS: 672
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 123
; LENGTH: 1034
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-097-065-123

Query Match 37.3%; Score 679; DB 9; Length 1034;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 679; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1130 CAGCTAAGAGGCGGGTGTACCATACAGGGGTACAAATGGGCGAGTGGCAAGTGT 1189
| | | | |
Db 335 CAGCTAAGAGGCGGGTGTACCATACAGGGGTACAAATGGGCGAGTGGCAAGTGT 394
QY 1190 ACCAGCCCACTGATGATGGCCCTGATGACCAAAAGTTCCTCCGAAAGAGACTTACGACATCA 1249
| | | | |
Db 395 ACCAGCCCACTGATGATGGCCCTGATGACCAAAAGTTCCTCCGAAAGAGACTTACGACATCA 454
QY 1250 TTCTCCCAAGGGCCACCGCCCAACAGCAGTATGGGAGTGTCCCACTTCGACCTTCGGGG 1309
| | | | |
Db 455 TTCTCCCAAGGGCCACCGCCCAACAGCAGTATGGGAGTGTCCCACTTCGACCTTCGGGG 514
QY 1310 CTGAAGACATGACTCGGGCCAGAGCCACAGCGGCGCCACACCGCGAAAGAGCGCAAGA 1369
| | | | |
Db 515 CTGAAGACATGACTCGGGCCAGAGCCACAGCGGCGCCACACCGCGAAAGAGCGCAAGA 574
QY 1370 ACTCTCAGGCTTTTAAAGAACCCCTACGTGTGGAGTGAATGACGCGGTGGCGAGAGAGGC 1429
| | | | |
Db 575 ACTCTCAGGCTTTTAAAGAACCCCTACGTGTGGAGTGAATGACGCGGTGGCGAGAGAGGC 634
QY 1430 GGTGGATTTGGGGAGGGCCCTGAGAGACTGGCCCGGCGAAAGGAGCTCTCCAGGCTCCT 1489
| | | | |
Db 635 GGTGGATTTGGGGAGGGCCCTGAGAGACTGGCCCGGCGAAAGGAGCTCTCCAGGCTCCT 694
QY 1490 CCTCCCTGGCAGAGCCCAAGCAATGTGCCCCAGATGTGAAAGGGCTCTCCTCTCTGCC 1549
| | | | |
Db 695 CCTCCCTGGCAGAGCCCAAGCAATGTGCCCCAGATGTGAAAGGGCTCTCCTCTCTGCC 754
QY 1550 AGTGTGGTGGTGGTGTATAGGGGTGCCACCACTCTCTAGTGTGTGTGAGTGCAGG 1609
| | | | |
Db 755 AGTGTGGTGGTGGTGTATAGGGGTGCCACCACTCTCTAGTGTGTGTGAGTGCAGG 814
QY 1610 AGCCAAACCCAGCCCTGCGCCAGATACCTCGGGGGTGCACCTCCAGCCAAATAGTGT 1669
| | | | |
Db 815 AGCCAAACCCAGCCCTGCGCCAGATACCTCGGGGGTGCACCTCCAGCCAAATAGTGT 874
QY 1670 CTGGGGTGGTGGTGGGCGAGGCTATGTTTCTGTGAGATTCCTGCAACTCAAGAGA 1729
| | | | |
Db 875 CTGGGGTGGTGGTGGGCGAGGCTATGTTTCTGTGAGATTCCTGCAACTCAAGAGA 934
QY 1730 CTTCACAGGCGCTCAGGCGCTGAGTCTCTCTGTGAGAGAAAGGAGTGCCTTAATAA 1789
| | | | |
Db 935 CTTCACAGGCGCTCAGGCGCTGAGTCTCTCTGTGAGAGAAAGGAGTGCCTTAATAA 994
QY 1790 TACATTTCTGCTTTATTTAA 1808
| | | | |

Db 995 TACATTTGCTTATTTAA 1013

RESULT 11
US-09-871-874-8

; Sequence 8, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinneret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Ilat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 815
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-871-874-8

Query Match 33.0%; Score 601; DB 10; Length 815;
Best Local Similarity 99.8%; Pred. No. 2,2e-299;
Matches 651; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 11 CCGCACCAGCCGGAAGTACAGTCCGCTCAGCTGAGGAGCCCAACGAGACCTGCGC 70
DB 41 CCTCACCAGCCGGAAGTACAGTCCGCTCAGCTGAGGAGCCCAACGAGACCTGCGC 100
QY 71 TGGGAGCCAGAGTGGCCATCACAAGCCCTGCTGATGCTGAGGACTGCTCTCTCC 130
DB 101 TGGGAGCCAGAGTGGCCATCACAAGCCCTGCTGATGCTGAGGACTGCTCTCTCC 160
QY 131 TGTTCCTCAGGAGCTGAGGAGCCAGGAGCCAGGAGCCAGGAGCCAGGAGCCAGG 190
DB 161 TGTTCCTCAGGAGCTGAGGAGCCAGGAGCCAGGAGCCAGGAGCCAGGAGCCAGG 220
QY 191 CCTCTACTACACCTGCTGAGGAGCCAGGAGCCAGGAGCCAGGAGCCAGGAGCCAGG 250
DB 221 CCTCTACTACACCTGCTGAGGAGCCAGGAGCCAGGAGCCAGGAGCCAGGAGCCAGG 280
QY 251 CTGGGAGGAGCATTTGACACAGCTTGTGCTCACAATCATCTGAGGAGCCAGGAGCC 310
DB 281 CTGGGAGGAGCATTTGACACAGCTTGTGCTCACAATCATCTGAGGAGCCAGGAGCC 340
QY 311 TTGTGAGAGACACCAAGAAAGGAGGCTGAGGAGCCAGGAGCCAGGAGCCAGGAGCC 370
DB 341 TTGTGAGAGACACCAAGAAAGGAGGCTGAGGAGCCAGGAGCCAGGAGCCAGGAGCC 400
QY 371 CCTTGGGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 430
DB 401 CCTTGGGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 460
QY 431 CCTTGGGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 490
DB 461 CCTTGGGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 520
QY 491 AGGTCTTTGCTCAACTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 550
DB 521 AGGTCTTTGCTCAACTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 580
QY 551 TCACTGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 610
DB 581 TCACTGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 640
QY 611 TCACTGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 662
DB 641 TCACTGAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 692

RESULT 12

US-09-871-874-5
; Sequence 5, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinneret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Ilat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 1370
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-871-874-5

Query Match 28.5%; Score 518; DB 10; Length 1370;
Best Local Similarity 100.0%; Pred. No. 1,2e-256;
Matches 518; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1130 CAGCTAAGAGCGCGGTGTACATACAGCGGTACATAGGAGGAGCTGCTGACGATGTGT 1189
DB 851 CAGCTAAGAGCGCGGTGTACATACAGCGGTACATAGGAGGAGCTGCTGACGATGTGT 910
QY 1190 ACCAGCCCATGAGATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1249
DB 911 ACCAGCCCATGAGATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 970
QY 1250 TCCCTCCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1309
DB 971 TCCCTCCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1030
QY 1310 CTGAGACATGATCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1369
DB 1031 CTGAGACATGATCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1090
QY 1370 ACCTCAGGCTTTTAAAGAACCCCTAGCTGAGGAGGAGGAGGAGGAGGAGGAGGAG 1429
DB 1091 ACCTCAGGCTTTTAAAGAACCCCTAGCTGAGGAGGAGGAGGAGGAGGAGGAGGAG 1150
QY 1430 GGTCCGATTTGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1489
DB 1151 GGTCCGATTTGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1210
QY 1490 CCTCCCGCTGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1549
DB 1211 CCTCCCGCTGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1270
QY 1550 AGGTGTTGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1609
DB 1271 AGGTGTTGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1330
QY 1610 AGCCAAACCCAGGCTCTGACAGGATCACCTGGGCGGT 1647
DB 1331 AGCCAAACCCAGGCTCTGACAGGATCACCTGGGCGGT 1368

RESULT 13
US-09-871-874-6

; Sequence 6, Application US/09871874
; Patent No. US20020081655A1
; GENERAL INFORMATION:
; APPLICANT: SAVITZKY, Kinneret
; APPLICANT: TOPORIK, Amir
; APPLICANT: MINTZ, Ilat
; TITLE OF INVENTION: Splice Variant of mglur
; FILE REFERENCE: 2786-0176P
; CURRENT APPLICATION NUMBER: US/09/871,874
; CURRENT FILING DATE: 2001-09-04
; NUMBER OF SEQ ID NOS: 21

SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 6
LENGTH: 1070
TYPE: DNA
ORGANISM: Homo sapiens
US-09-871-874-6

Query Match 28.1%; Score 512; DB 10; Length 1070;
Best Local Similarity 100.0%; Pred. No. 1.5e+253;
Matches 512; Conservative 0; Mismatches -0; Indels 0; Gaps 0;

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OY 1131 AGCTAAGAGCGCGGTGTCACATACAGCGGGTACATATGGGCAAGCTGTGACCAAGTGTGA 1190
DB 552 AGCTAAGAGCGCGGTGTCACATACAGCGGGTACATATGGGCAAGCTGTGACCAAGTGTGA 611
OY 1191 CGAGCCACTGAGTGGCCCTGATGCAAAAGTTCGTCGCAAGAGAGCTTACGACATCAT 1250
DB 612 CGAGCCACTGAGTGGCCCTGATGCAAAAGTTCGTCGCAAGAGAGCTTACGACATCAT 671
OY 1251 CTTCCACAGGGGCGCCACCAACAGCAGGTGATGGGCAAGTGCCTGACCTCGGGC 1310
DB 672 CTTCCACAGGGGCGCCACCAACAGCAGGTGATGGGCAAGTGCCTGACCTCGGGC 731
OY 1311 TGAAGACATGTACTGGGCCAGAGCCACCAGCGGCCACACCGCGAAAAGACGGCAAGA 1370
DB 732 TGAAGACATGTACTGGGCCAGAGCCACCAGCGGCCACACCGCGAAAAGACGGCAAGA 791
OY 1371 CTCTCAGGTCTTTAGAAACCCCTAGCTGTGGAGTGTAGTACAGCGGGGCGAGAGAGGCG 1430
DB 792 CTCTCAGGTCTTTAGAAACCCCTAGCTGTGGAGTGTAGTACAGCGGGGCGAGAGAGGCG 851
OY 1431 GTCTGATTTGGGAGGGCCCTGAGGACCTGGCCCGGCAAGGAGCTCTCAGGCTCTC 1490
DB 852 GTCTGATTTGGGAGGGCCCTGAGGACCTGGCCCGGCAAGGAGCTCTCAGGCTCTC 911
OY 1491 CTCCTCCGCGAGCGCCACCAACATGTGTGCCCAAGATGTGGAGGGCTCTCTCTGCA 1550
DB 912 CTCCTCCGCGAGCGCCACCAACATGTGTGCCCAAGATGTGGAGGGCTCTCTCTGCA 971
OY 1551 GTGTTGGGTGGGTGTCATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1610
DB 972 GTGTTGGGTGGGTGTCATGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1031
OY 1611 GCCAACCCCGAGCCTCTCGCAGAGATCACCTCG 1642
DB 1032 GCCAACCCCGAGCCTCTCGCAGAGATCACCTCG 1063
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RESULT 14
US-09-895-686-14/c
Sequence 14, Application US/09895686
Patent No. US2002010655A1
GENERAL INFORMATION:

APPLICANT: Bandman, Olga
APPLICANT: Lal, Preeti
APPLICANT: Tang, Y. Tom
APPLICANT: Baughn, Mariah R.
TITLE OF INVENTION: HUMAN GPCR PROTEINS
FILE REFERENCE: PC-0044 CIP
CURRENT APPLICATION NUMBER: US/09/895,686
CURRENT FILING DATE: 2001-06-28
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PERL Program
SEQ ID NO 14
LENGTH: 516
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc.feature
OTHER INFORMATION: Incyte ID No. US2002010655A1 1442823R1
US-09-895-686-14

Query Match 25.8%; Score 469; DB 10; Length 516;

Best Local Similarity 100.0%; Pred. No. 2.3e+231;
Matches 469; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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OY 1345 GCCACACCGCCCAAGAGAGGCAAGAACTCTCAGGCTTTAGAAACCCCTAGCTGTGGAC 1404
DB 469 GCCACACCGCCCAAGAGAGGCAAGAACTCTCAGGCTTTAGAAACCCCTAGCTGTGGAC 410
OY 1405 TGAGTCAGGCGTGGGAGAGAGGCGGTGCGATTTGGGAGAGGCGCTGAGACCTGGGCC 1464
DB 409 TGAGTCAGGCGTGGGAGAGAGGCGGTGCGATTTGGGAGAGGCGCTGAGACCTGGGCC 350
OY 1465 CGGGCAAGGAGCTCTCAGAGCTCTCTCCCTGGCAGAGGCCCAACATATGTGCCCA 1524
DB 349 CGGGCAAGGAGCTCTCAGAGCTCTCTCCCTGGCAGAGGCCCAACATATGTGCCCA 290
OY 1525 ATGTGGAAGGCGCTCCCTCTCTGCAAGTGTGGGTGGTGTGATGGGTGTCCCAACCA 1584
DB 289 ATGTGGAAGGCGCTCCCTCTCTGCAAGTGTGGGTGGTGTGATGGGTGTCCCAACCA 230
OY 1585 CTCTCAGTGTGTGAGTGTGAGAGCCCAACCCAGCCTCTGCGCAGAGATCACCTCGGC 1644
DB 229 CTCTCAGTGTGTGAGTGTGAGAGCCCAACCCAGCCTCTGCGCAGAGATCACCTCGGC 170
OY 1645 GGTCACTCTCAGCCCAATATGTGTCTGGGGTGTGTGTGTGTGTGTGTGTGTGTGT 1704
DB 169 GGTCACTCTCAGCCCAATATAGTGTCTGGGGTGTGTGTGTGTGTGTGTGTGTGTGT 110
OY 1705 TGGAAATTCCTCAACCTCAAGAGACTTCCAGGGGCTCAGGCTGTGATCTGTCTCT 1764
DB 109 TGGAAATTCCTCAACCTCAAGAGACTTCCAGGGGCTCAGGCTGTGATCTGTCTCTCT 50
OY 1765 GTGAGGAACAAAGGTGCTTAATAATTAATTAATTAATTAATTAATTAATTAATTA 1813
DB 49 GTGAGGAACAAAGGTGCTTAATAATTAATTAATTAATTAATTAATTAATTAATTAAT 1
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RESULT 15
US-09-895-686-15/c
Sequence 15, Application US/09895686
Patent No. US2002010655A1
GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Lal, Preeti
APPLICANT: Tang, Y. Tom
APPLICANT: Baughn, Mariah R.
TITLE OF INVENTION: HUMAN GPCR PROTEINS
FILE REFERENCE: PC-0044 CIP
CURRENT APPLICATION NUMBER: US/09/895,686
CURRENT FILING DATE: 2001-06-28
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PERL Program
SEQ ID NO 15
LENGTH: 268
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc.feature
OTHER INFORMATION: Incyte ID No. US2002010655A1 1962119T6
US-09-895-686-15

Query Match 14.7%; Score 268; DB 10; Length 268;
Best Local Similarity 100.0%; Pred. No. 9.2e+128;
Matches 268; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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OY 1500 CGAGGCCAGCAACATGTGCCCAATGTGGAAGGCGCTCTCTCTCTGCAATGTGGG 1559
DB 268 CGAGGCCAGCAACATGTGCCCAATGTGGAAGGCGCTCTCTCTCTGCAATGTGGG 209
OY 1560 TGGGTGTATGGGTGTGCCCAACCACTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1619
DB 208 TGGGTGTATGGGTGTGCCCAACCACTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 149
OY 1620 AGCTCTGTCCAGATCACTTGGGGGTACACTCCAGCCAAATAGTGTCTCTGGGGTGG 1679
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Db      148  AGCCTCCTGCGCAGGATCACCCTCGGGGCTCACACTCCAGCCCAATAGTGTCTCGGGGTGG 89
QY      1680  TGGCTGGGCGACGGCCCTATGTCTCTCTGAGATTCTCCAACTCAGAGACTTCCAGGC 1739
Db      88    TGGCTGGGCGACGGCCCTATGTCTCTCTGAGATTCTCCAACTCAGAGACTTCCAGGC 29
QY      1740  GCTCAGGCGCTGATCTGCTCCTCTGTG 1767
Db      28    GCTCAGGCGCTGATCTGCTCCTCTGTG 1
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Search completed: June 21, 2003, 04:19:24
job time : 272 secs

